Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031320\

Quantitation Report (QT Reviewed)

Data File : VV014908.D
Acq On : 13 Mar 2020 16:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 16 01:34:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTD05090

Manual Integrations APPROVED
apatel
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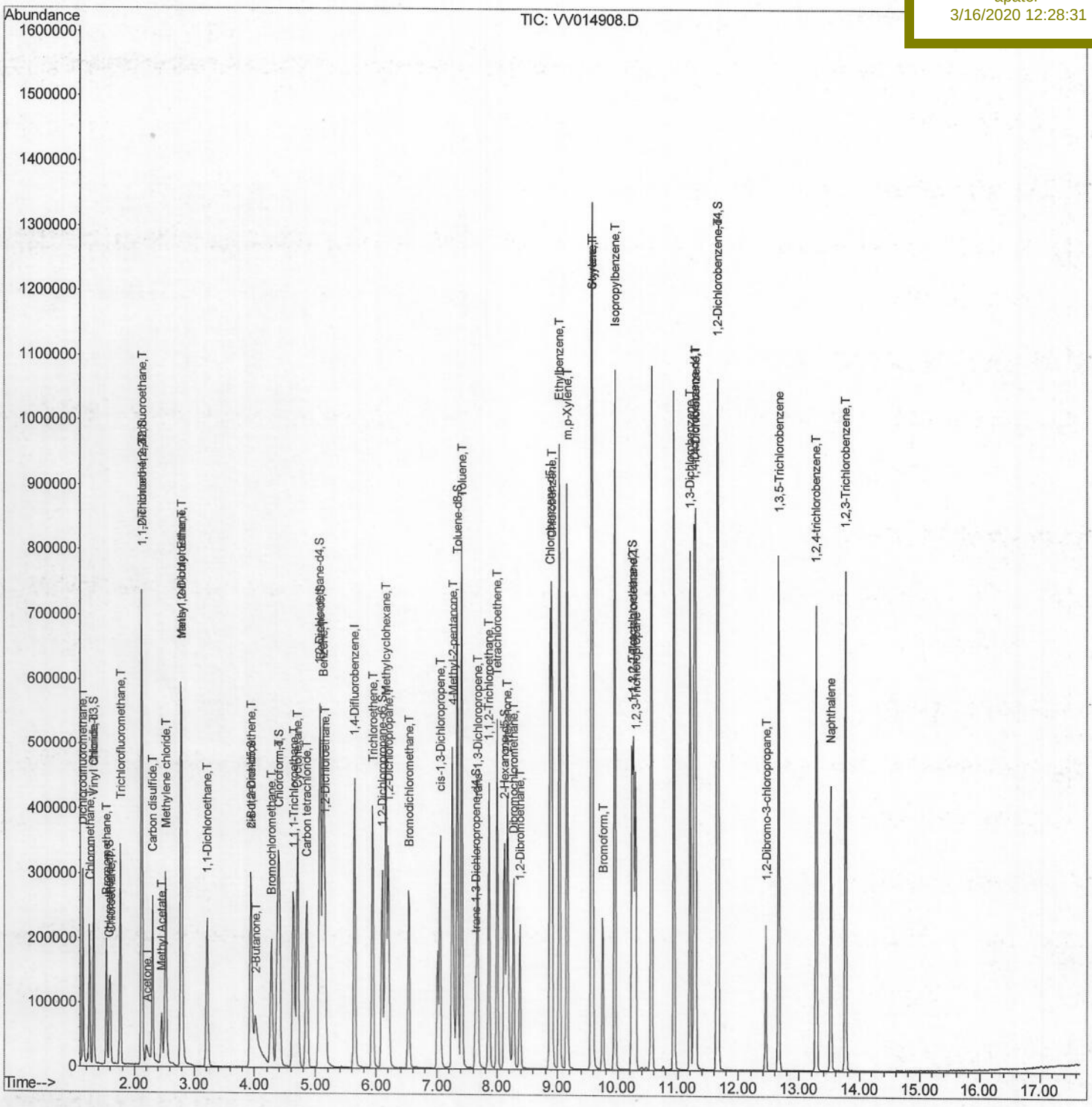

SOMVLM030620WMA.M Mon Mar 16 01:33:23 2020

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031320\

Quantitation Report (Qedit)

Data File : VV014908.D
Acq On : 13 Mar 2020 16:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 13 17:27:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
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Manual Integrations APPROVED
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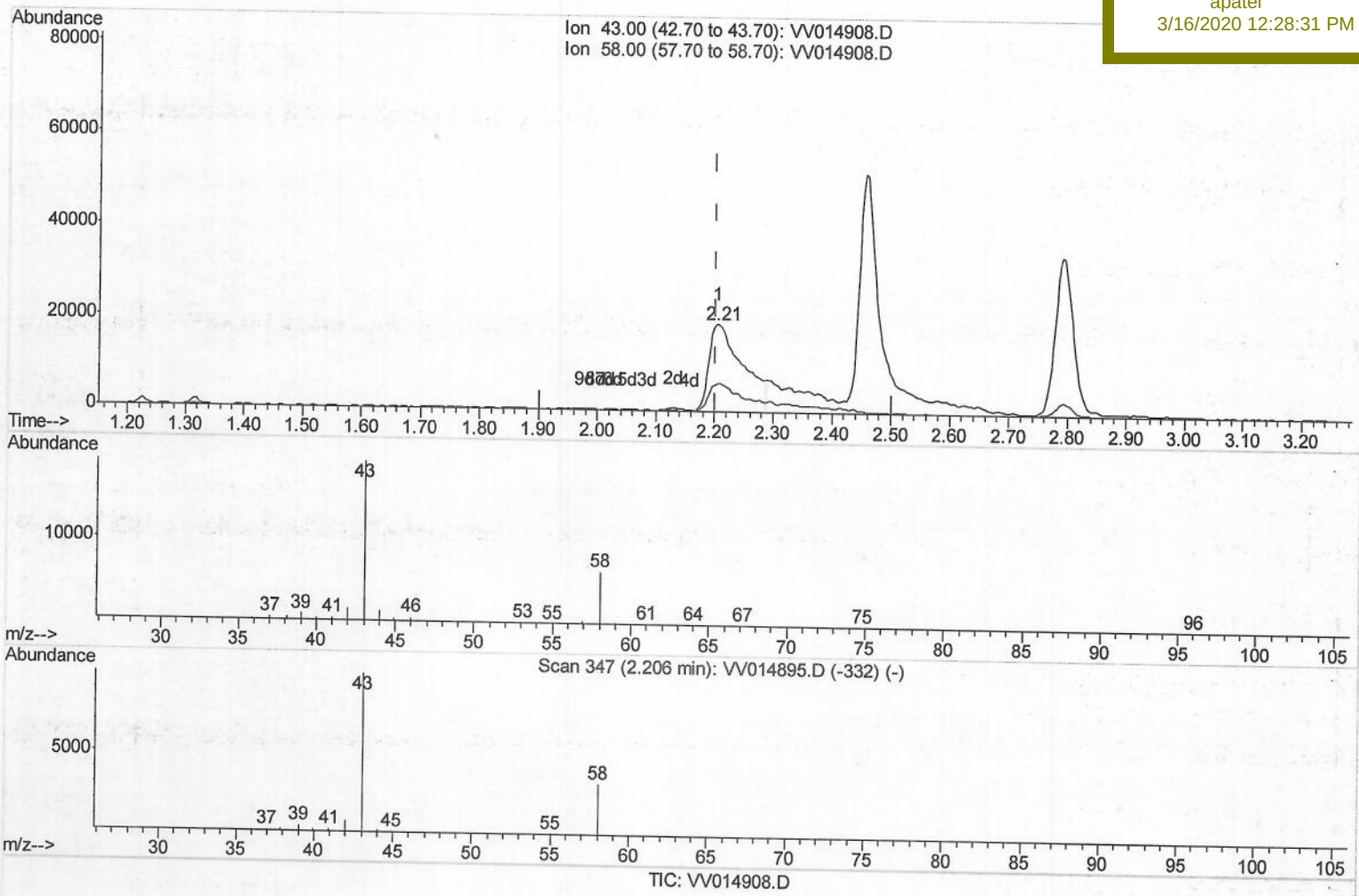

TIC: VV014908.D

(13) Acetone (T)

2.206min (+0.003) 46.40ug/L

response 76173

Ion	Exp%	Act%
43.00	100	100
58.00	31.10	19.97
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031320\

Quantitation Report (Qedit)

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ALS Vial : 15 Sample Multiplier: 1

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MSVOA_V
LabSampleId :
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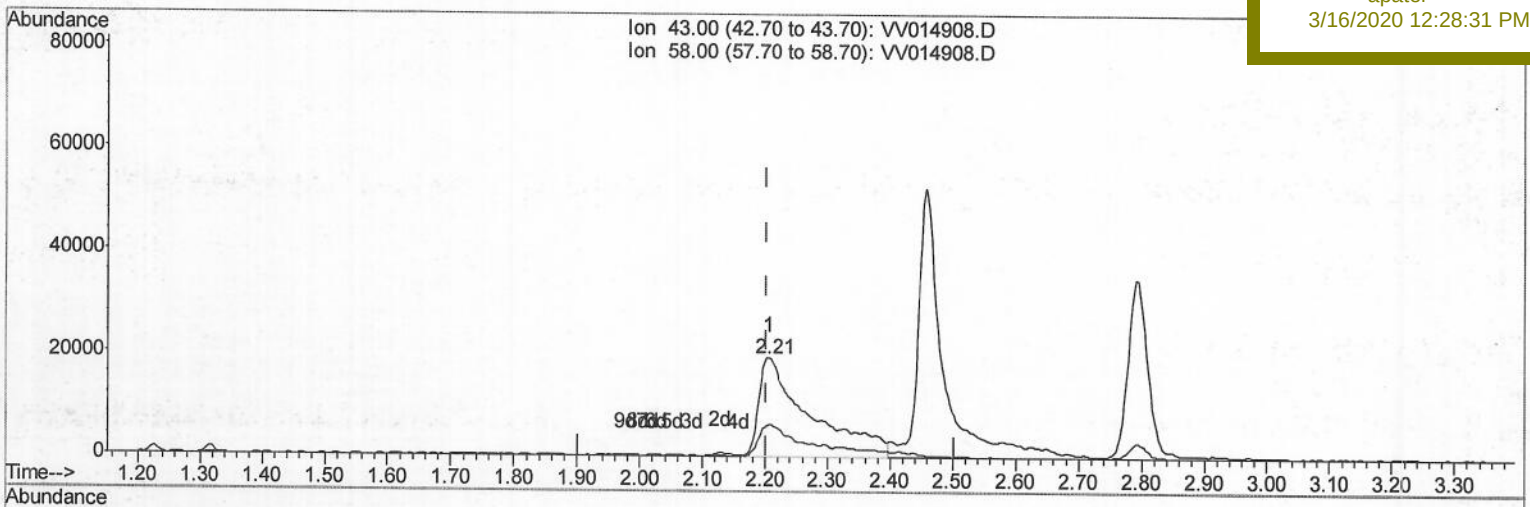
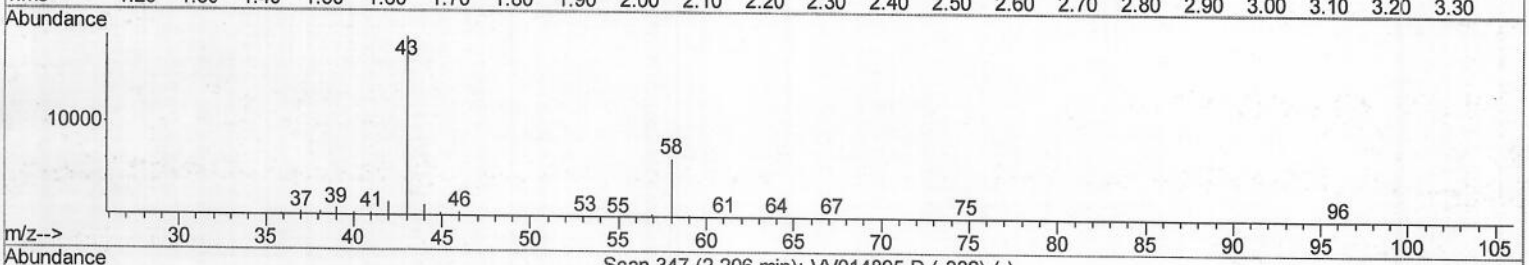
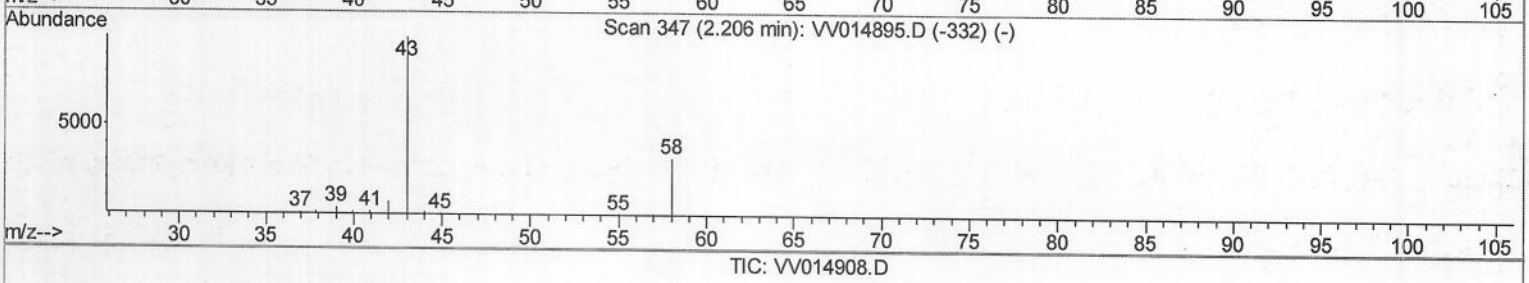
Manual Integrations APPROVED
apatel
3/16/2020 12:28:31 PM







(13) Acetone (T)

2.206min (+0.003) 66.71ug/L m) MD03|20|20

response 109523

Ion	Exp%	Act%
43.00	100	100
58.00	31.10	13.89
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031320\

Quantitation Report (QT Reviewed)

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QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration

Instrument : MSVOA_V
LabSampleId : VSTD05090

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	389597	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	386284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	208475	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	107999	40.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.92%			
7) Chloroethane-d5	1.58	69	84927	40.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.48%			
11) 1,1-Dichloroethene-d2	2.12	63	179285	40.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.84%			
21) 2-Butanone-d5	3.93	46	148602	75.57	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 75.57%			
24) Chloroform-d	4.38	84	246366	49.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.70%			
26) 1,2-Dichloroethane-d4	5.06	65	158948	46.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.74%			
32) Benzene-d6	5.08	84	488387	47.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.76%			
36) 1,2-Dichloropropane-d6	6.10	67	147627	43.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.34%			
41) Toluene-d8	7.34	98	484284	48.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.96%			
43) trans-1,3-Dichloropropene-	7.64	79	77198	46.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.54%			
47) 2-Hexanone-d5	8.12	63	152222	101.42	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.42%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	223886	48.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.30%			
64) 1,2-Dichlorobenzene-d4	11.65	152	208293	50.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	178144	46.266	ug/L	99
3) Chloromethane	1.25	50	133036	39.228	ug/L	99
5) Vinyl chloride	1.32	62	126897	40.378	ug/L	97
6) Bromomethane	1.53	94	82360	42.225	ug/L	97
8) Chloroethane	1.60	64	71246	42.174	ug/L	100
9) Trichlorofluoromethane	1.76	101	202330	48.147	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	97355	45.002	ug/L	95
12) 1,1-Dichloroethene	2.13	96	92969	43.928	ug/L	87
13) Acetone	2.21	43	109523m)	66.711	ug/L	) MD 03/20/20
14) Carbon disulfide	2.31	76	292597	41.816	ug/L	99
15) Methyl Acetate	2.46	43	106391	34.493	ug/L	93
16) Methylene chloride	2.52	84	139341	48.477	ug/L	91
17) trans-1,2-Dichloroethene	2.78	96	125532	48.013	ug/L	95
18) Methyl tert-butyl Ether	2.79	73	413640	48.324	ug/L	96
19) 1,1-Dichloroethane	3.21	63	231861	45.403	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	145916	49.899	ug/L	91
22) 2-Butanone	4.01	43	144349	66.651	ug/L	97

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Manual Integrations APPROVED
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3/16/2020 12:28:31 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.28	128	75099	50.445	ug/L		85
25) Chloroform	4.41	83	255790	48.349	ug/L		99
27) 1,2-Dichloroethane	5.16	62	194239	47.372	ug/L		97
29) Cyclohexane	4.70	56	200198	42.536	ug/L		88
30) 1,1,1-Trichloroethane	4.64	97	229399	51.222	ug/L		97
31) Carbon tetrachloride	4.86	117	203817	53.587	ug/L		99
33) Benzene	5.13	78	533877	47.707	ug/L		100
34) Trichloroethene	5.94	95	139831	47.813	ug/L		95
35) Methylcyclohexane	6.15	83	225891	46.792	ug/L		92
37) 1,2-Dichloropropane	6.20	63	132493	43.812	ug/L	#	97
38) Bromodichloromethane	6.53	83	192188	49.960	ug/L		97
39) cis-1,3-Dichloropropene	7.05	75	222453	46.931	ug/L		97
40) 4-Methyl-2-pentanone	7.26	43	387567	88.438	ug/L	#	94
42) Toluene	7.41	91	600941	48.675	ug/L		98
44) trans-1,3-Dichloropropene	7.67	75	200867	46.486	ug/L		99
45) 1,1,2-Trichloroethane	7.86	97	140653	50.502	ug/L		95
46) Tetrachloroethene	8.00	164	123815	51.745	ug/L		96
48) 2-Hexanone	8.17	43	301596	87.503	ug/L	#	93
49) Dibromochloromethane	8.27	129	155357	51.178	ug/L		99
50) 1,2-Dibromoethane	8.37	107	153518	50.993	ug/L		97
51) Chlorobenzene	8.90	112	401742	50.574	ug/L		97
52) Ethylbenzene	9.03	91	685585	49.291	ug/L		98
53) m,p-Xylene	9.16	106	262790	50.345	ug/L		96
54) o-xylene	9.57	106	261144	50.931	ug/L		96
55) Styrene	9.58	104	449453	51.262	ug/L		98
56) Isopropylbenzene	9.95	105	693916	50.530	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.26	83	232034	48.369	ug/L		99
59) 1,2,3-Trichloropropane	10.30	75	187601	48.576	ug/L		99
61) Bromoform	9.75	173	109216	48.289	ug/L		99
62) 1,3-Dichlorobenzene	11.20	146	337570	50.073	ug/L		99
63) 1,4-Dichlorobenzene	11.29	146	334723	49.282	ug/L		98
65) 1,2-Dichlorobenzene	11.67	146	341372	50.862	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.45	75	52973	46.503	ug/L		83
67) 1,3,5-Trichlorobenzene	12.67	180	259317	49.736	ug/L		99
68) 1,2,4-trichlorobenzene	13.28	180	233765	48.780	ug/L		99
69) Naphthalene	13.52	128	343750	47.648	ug/L		99
70) 1,2,3-Trichlorobenzene	13.76	180	243737	51.026	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed