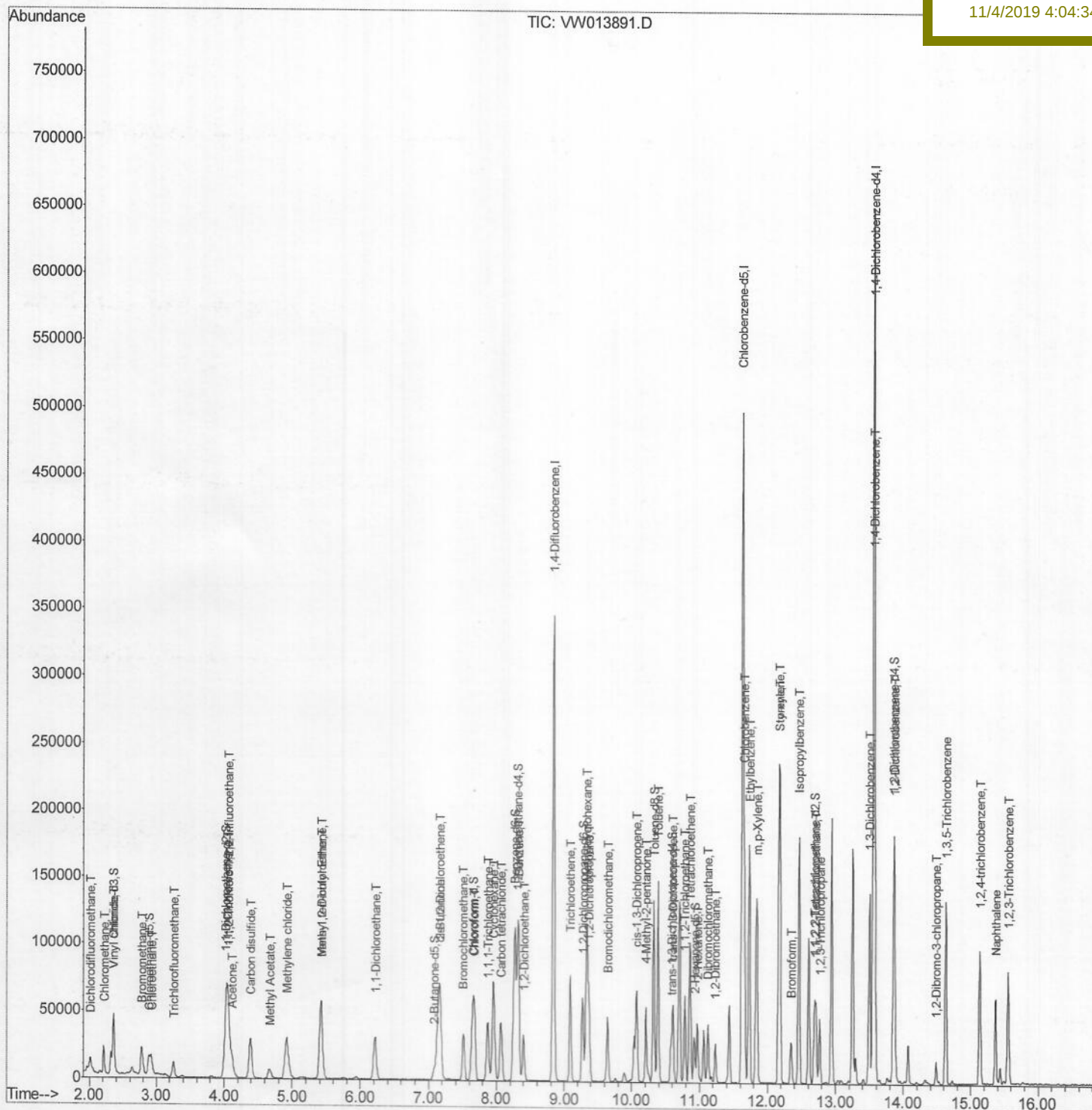


Data File : VW013891.D
Acq On : 01 Nov 2019 11:02
Operator : SY/VA
Sample : VSTD00506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD00506

MMDadoda
11/4/2019 4:04:34 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110119\
Quantitation Report (Qedit)

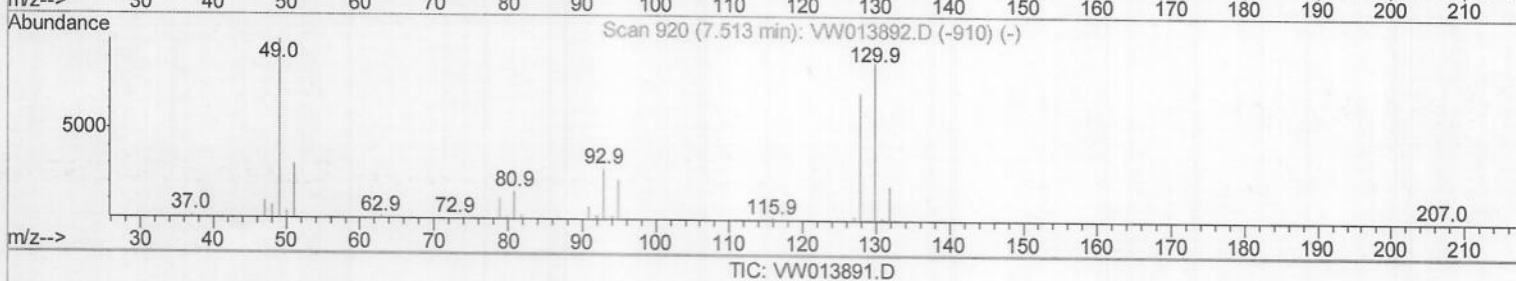
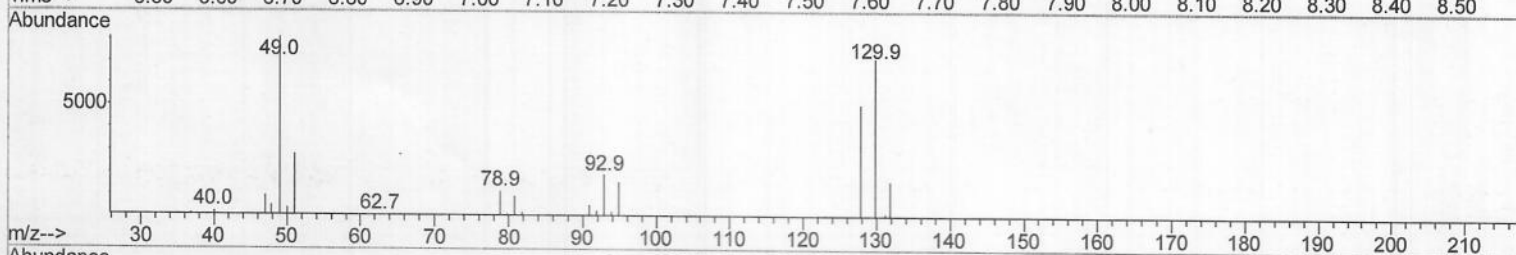
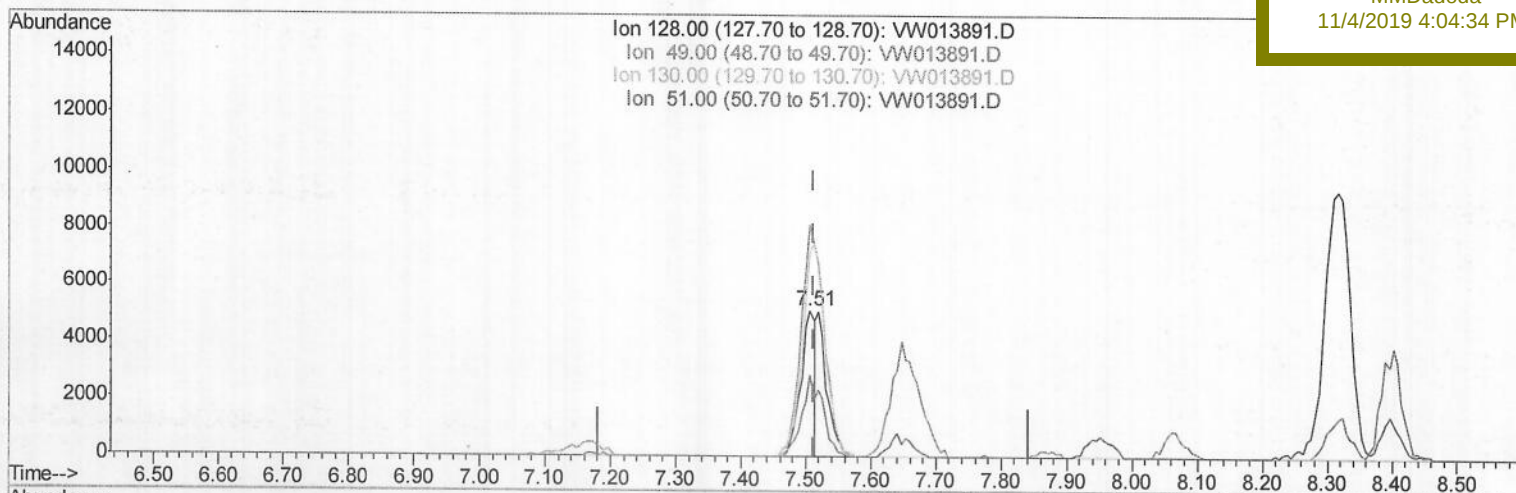
Data File : VW013891.D
Acq On : 01 Nov 2019 11:02
Operator : SY/VA
Sample : VSTD00506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 01 12:24:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 12:21:46 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
VSTD00506

Manual Integrations
APPROVED

MMDadoda
11/4/2019 4:04:34 PM



(23) Bromochloromethane (T)

7.506min (-0.006) 2.89ug/L

response 7556

Ion	Exp%	Act%
128.00	100	100
49.00	141.00	160.09
130.00	124.00	141.30
51.00	42.70	55.08#

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110119\
Quantitation Report (Qedit)

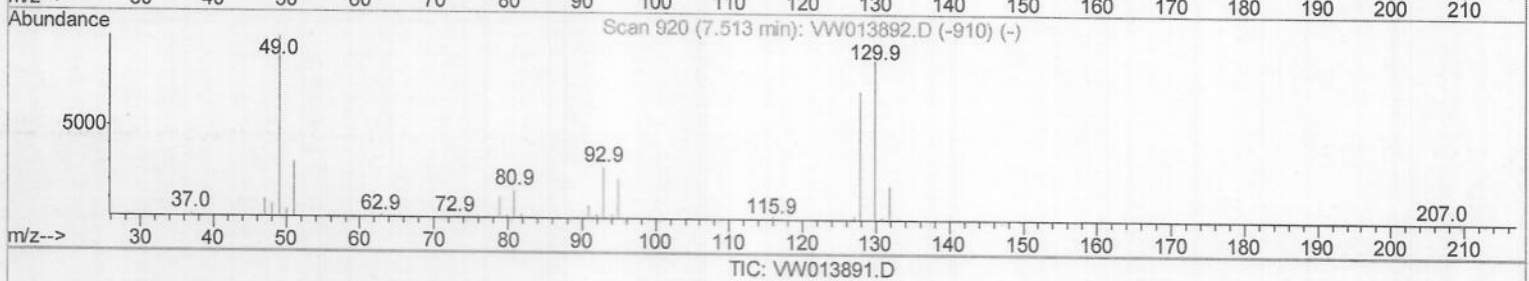
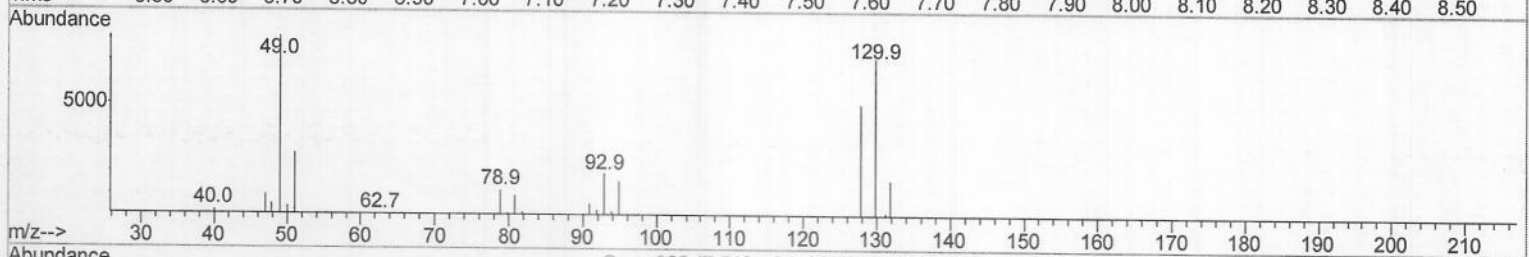
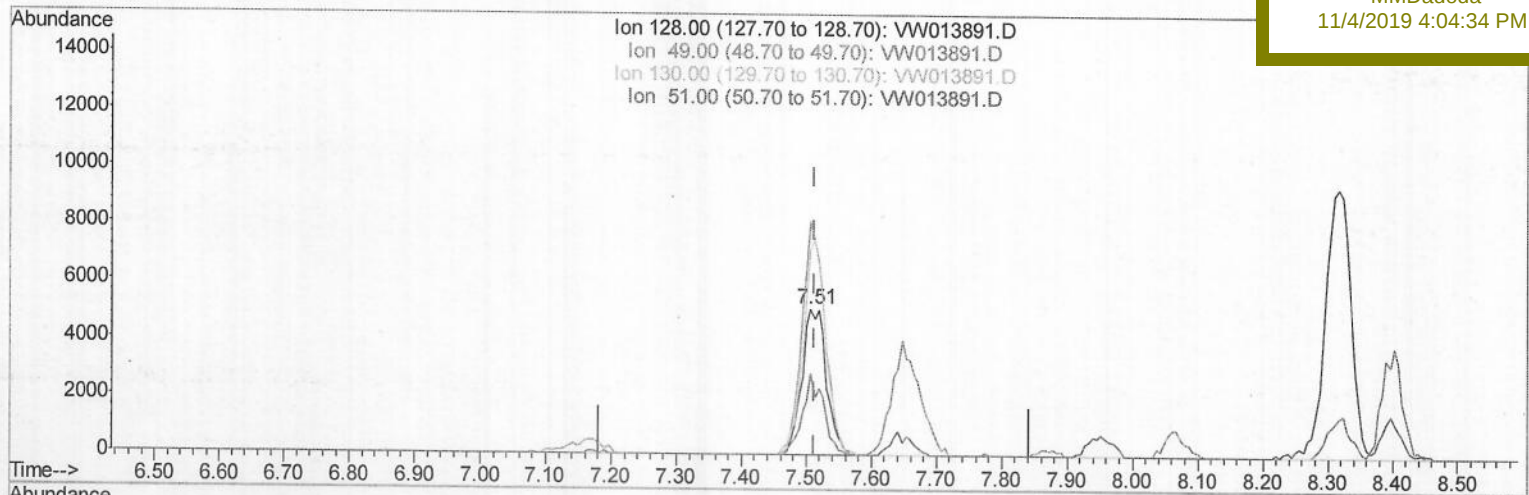
Data File : VW013891.D
Acq On : 01 Nov 2019 11:02
Operator : SY/VA
Sample : VSTD00506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 01 12:24:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 12:21:46 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
VSTD00506

Manual Integrations
APPROVED

MMDadoda
11/4/2019 4:04:34 PM



(23) Bromochloromethane (T)

7.506min (-0.006) 5.06ug/L m

response 13224

Ion	Exp%	Act%
128.00	100	100
49.00	141.00	160.09
130.00	124.00	141.30
51.00	42.70	55.08#

> 34 1110419

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110119\
Quantitation Report (QT Reviewed)

Data File : VW013891.D
Acq On : 01 Nov 2019 11:02
Operator : SY/VA
Sample : VSTD00506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 01 12:29:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 12:21:46 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
VSTD00506

Manual Integrations
APPROVED

MMDadoda
11/4/2019 4:04:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	301811	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	299593	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177444	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	23178	5.04	ug/L	0.00
7) Chloroethane-d5	2.89	69	18298	5.09	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	46990	5.11	ug/L	0.00
20) 2-Butanone-d5	7.07	46	15860	9.82	ug/L	0.00
24) Chloroform-d	7.65	84	46885	5.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	25051	4.99	ug/L	0.00
29) Benzene-d6	8.27	84	96397	4.97	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	29370	5.05	ug/L	0.00
37) Toluene-d8	10.32	98	90869	4.90	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	13189	4.96	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	11571	8.64	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25426	4.81	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	34742	5.08	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	14862	4.454 ug/L	98
3) Chloromethane	2.21	50	17442	4.862 ug/L	99
5) Vinyl chloride	2.36	62	26482	5.206 ug/L	98
6) Bromomethane	2.78	94	16694	5.209 ug/L	99
8) Chloroethane	2.92	64	14243	4.959 ug/L	93
9) Trichlorofluoromethane	3.26	101	12102	5.457 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	25516	5.121 ug/L	99
12) 1,1-Dichloroethene	4.04	96	25349	5.073 ug/L	94
13) Acetone	4.12	43	18185	12.033 ug/L	96
14) Carbon disulfide	4.39	76	68078	4.687 ug/L	98
15) Methyl Acetate	4.67	43	13271	4.769 ug/L #	87
16) Methylene chloride	4.92	84	28545	4.838 ug/L	90
17) Methyl tert-butyl Ether	5.43	73	31712	5.097 ug/L	97
18) trans-1,2-Dichloroethene	5.42	96	26657	5.093 ug/L	93
19) 1,1-Dichloroethane	6.22	63	45539	5.086 ug/L	96
21) 2-Butanone	7.17	43	22183	10.229 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	26934	4.807 ug/L	92
23) Bromochloromethane	7.51	128	13224m	5.056 ug/L	
25) Chloroform	7.68	83	46225	5.143 ug/L	99
27) 1,2-Dichloroethane	8.40	62	30856	5.220 ug/L	99
30) Cyclohexane	7.95	56	41370	4.811 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	35834	5.219 ug/L	100
32) Carbon tetrachloride	8.07	117	33795	4.945 ug/L	97
34) Benzene	8.32	78	105323	5.070 ug/L	100
35) Trichloroethene	9.09	95	27704	5.053 ug/L	99
36) Methylcyclohexane	9.34	83	46697	4.920 ug/L	99
40) 1,2-Dichloropropane	9.37	63	26265	5.118 ug/L	97
41) Bromodichloromethane	9.64	83	32136	4.986 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	39786	4.938 ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	36100	9.116 ug/L	99

25/11/04/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110119\
Quantitation Report (QT Reviewed)

Data File : VW013891.D
Acq On : 01 Nov 2019 11:02
Operator : SY/VA
Sample : VSTD00506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 01 12:29:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 01 12:21:46 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD00506

Manual Integrations
APPROVED

MMDadoda
11/4/2019 4:04:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	110442	4.923	ug/L	95
45) trans-1,3-Dichloropropene	10.60	75	31658	4.818	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	20568	4.970	ug/L	95
47) Tetrachloroethene	10.86	164	25798	5.239	ug/L	97
49) 2-Hexanone	10.97	43	27458	9.689	ug/L	99
50) Dibromochloromethane	11.13	129	23203	4.823	ug/L	98
51) 1,2-Dibromoethane	11.23	107	20092	4.961	ug/L	89
52) Chlorobenzene	11.66	112	73573	5.058	ug/L	96
53) Ethylbenzene	11.73	91	125784	5.080	ug/L	99
54) m,p-Xylene	11.83	106	47328	4.885	ug/L	100
55) o-xylene	12.16	106	44671	4.899	ug/L	98
56) Styrene	12.18	104	76172	4.869	ug/L	100
57) Isopropylbenzene	12.46	105	120602	4.942	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	25301	4.870	ug/L #	95
59) 1,2,3-Trichloropropane	12.77	75	18938	4.784	ug/L	96
62) Bromoform	12.35	173	15266	4.945	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	60911	5.259	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	60676	5.165	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	54205	5.064	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.48	75	4060	4.799	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	44132	4.953	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	34239	4.791	ug/L	96
69) Naphthalene	15.37	128	56397	4.102	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	32234	4.879	ug/L	99

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