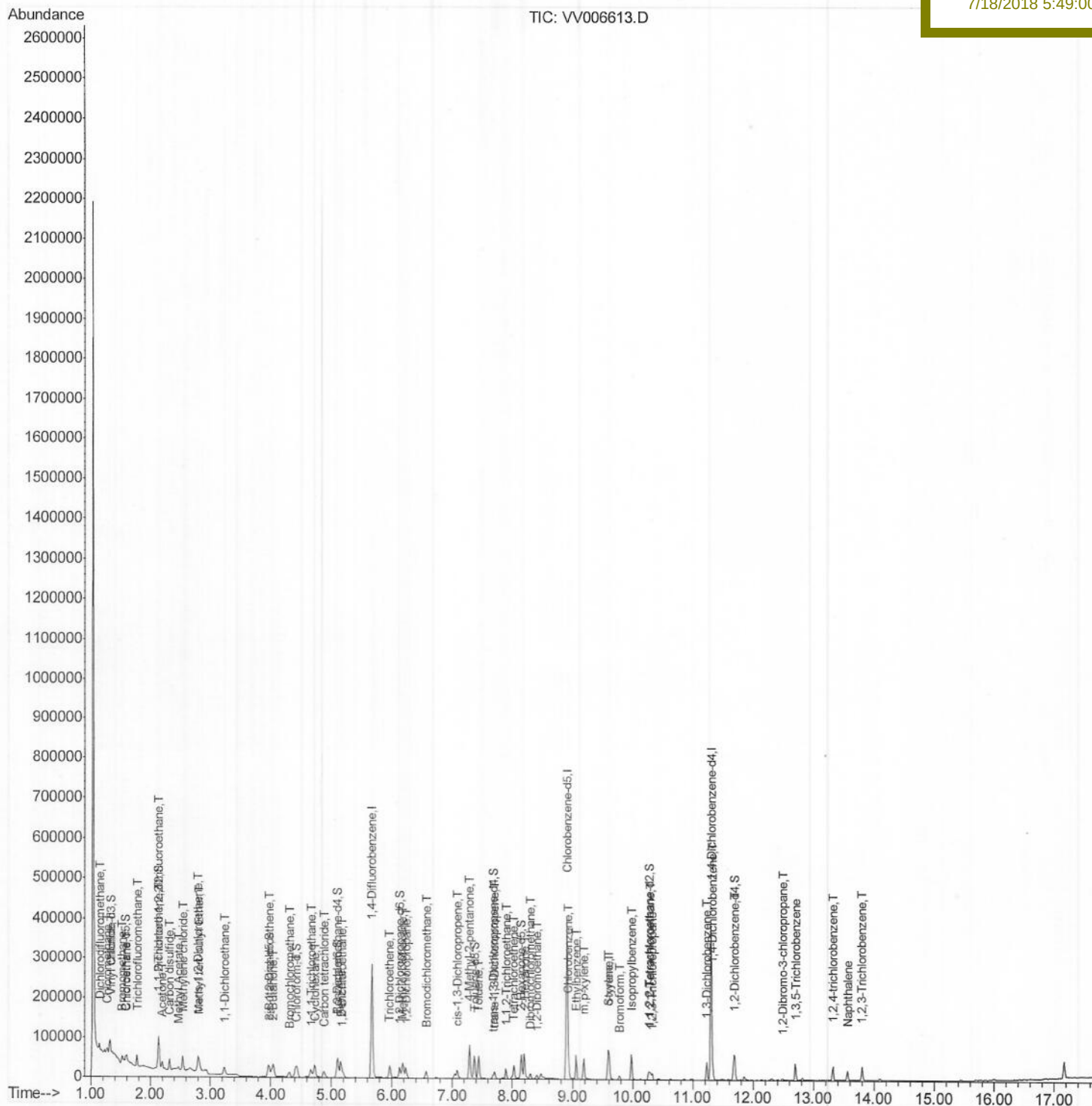


Quantitation Report (QT Reviewed)

Quant Time: Jul 17 13:47:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 13:43:50 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
7/18/2018 5:49:00 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071718\
Quantitation Report (Qedit)

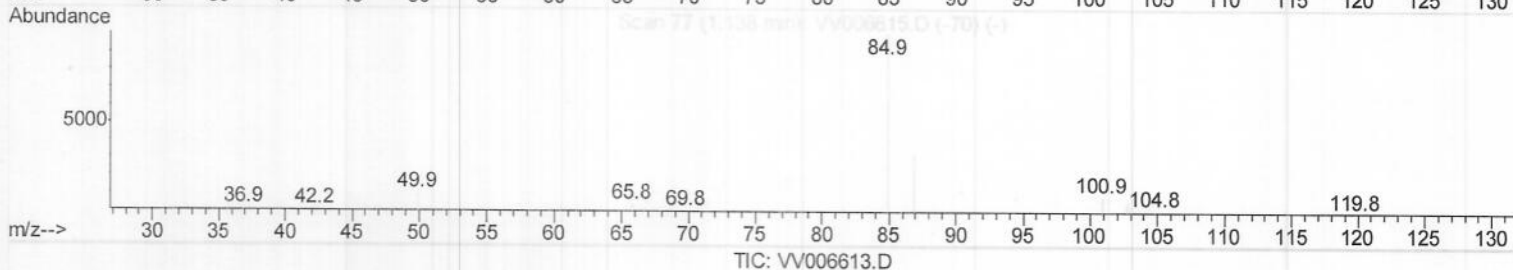
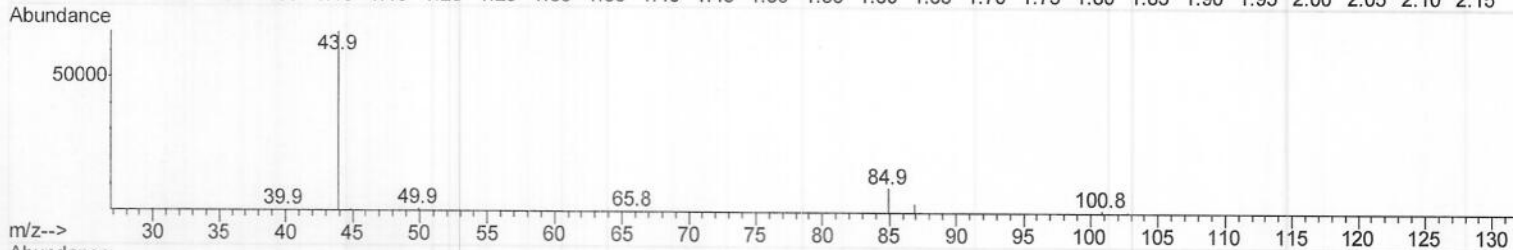
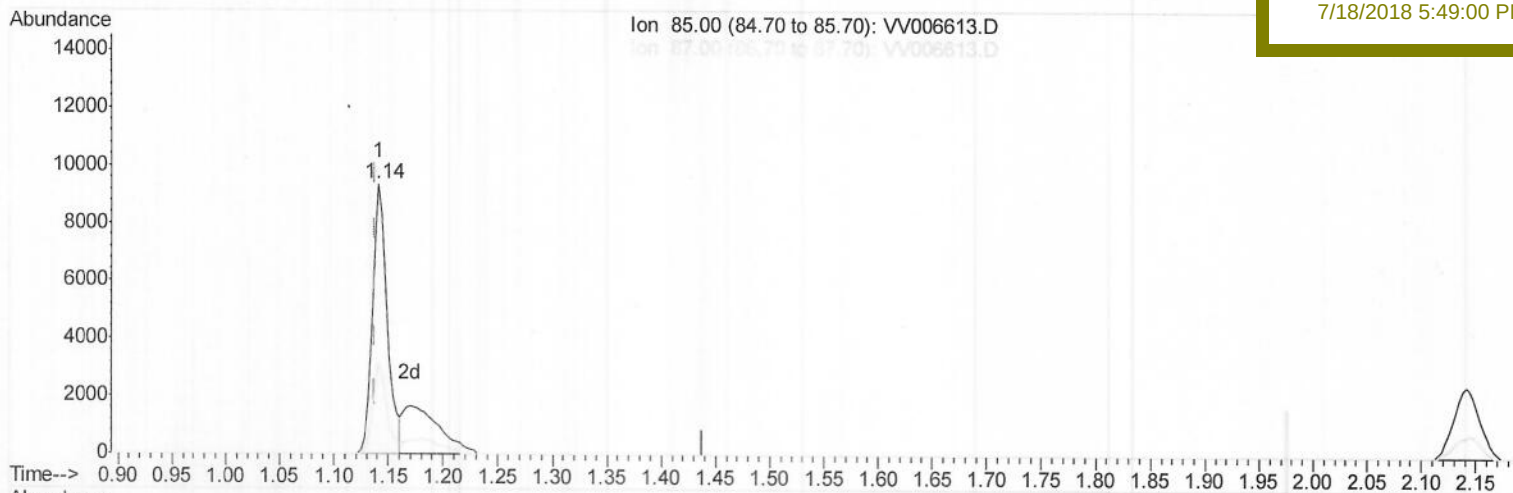
Data File : VV006613.D
Acq On : 17 Jul 2018 12:10
Operator : SY/MD
Sample : VSTD0.575
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 13:43:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 13:43:50 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampled :
VSTD0.575

Manual Integrations
APPROVED

MMDadoda
7/18/2018 5:49:00 PM



(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 0.46ug/L

response 8896

Ion	Exp%	Act%
-----	------	------

85.00	100	100
-------	-----	-----

87.00	22.90	32.24#
-------	-------	--------

0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
------	------	------

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071718\
Quantitation Report (Qedit)

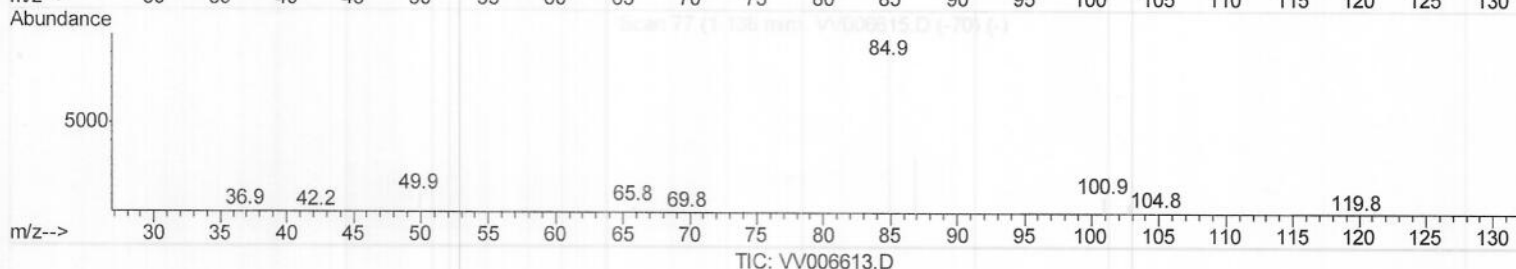
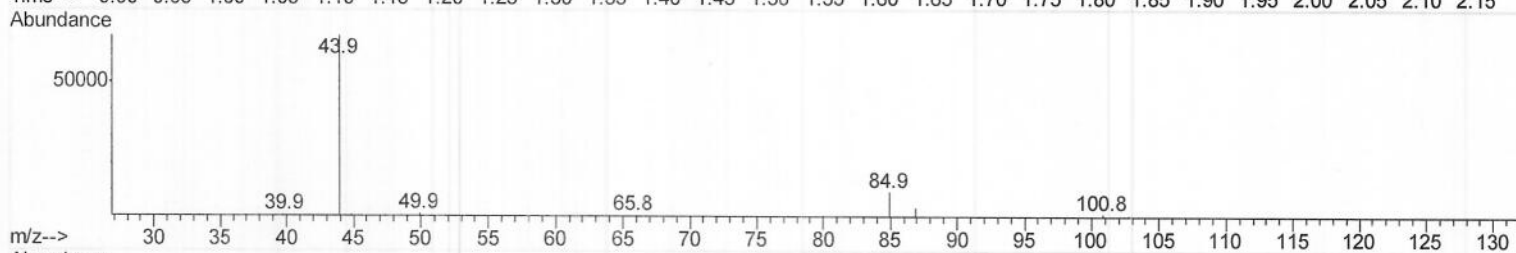
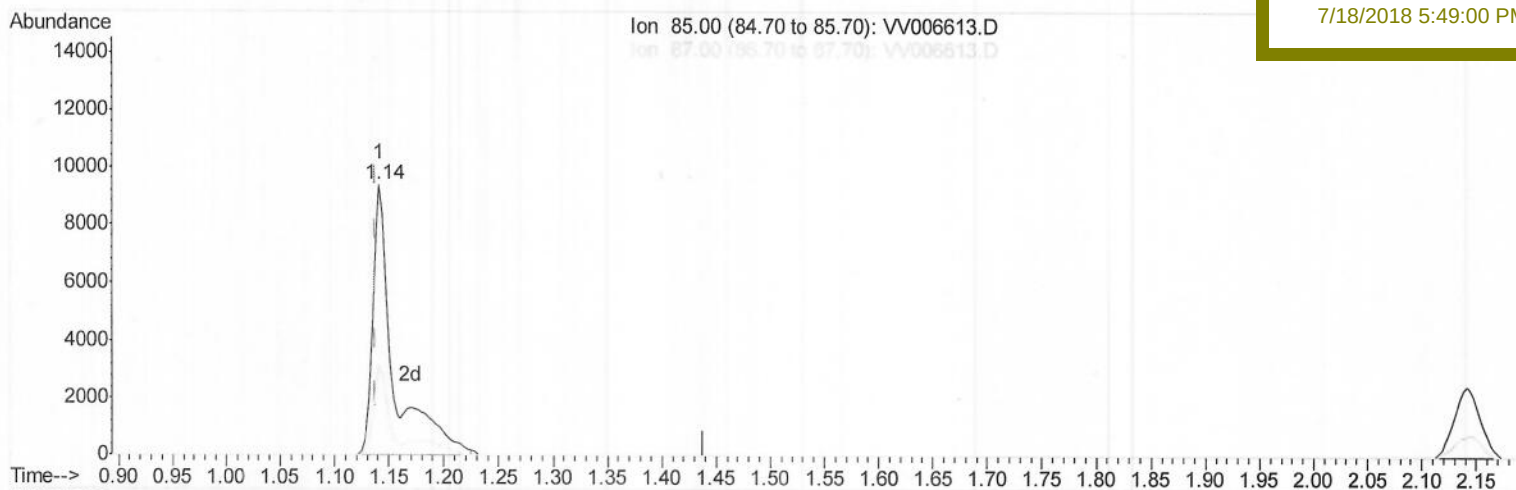
Data File : VV006613.D
Acq On : 17 Jul 2018 12:10
Operator : SY/MD
Sample : VSTD0.575
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 13:43:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 17 13:43:50 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.575

Manual Integrations
APPROVED

MMDadoda
7/18/2018 5:49:00 PM



(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 0.65ug/L m

response 12631

Ion Exp% Act%

85.00 100 100

87.00 22.90 22.71

0.00 0.00 0.00

0.00 0.00 0.00

MD
07/28/18

Data File : VV006613.D

Acq On : 17 Jul 2018 12:10

Operator : SY/MD

Sample : VSTD0.575

Misc : 25 mL/MSVOA V/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_V

Client Sampled :

VSTD0.575

Quant Time: Jul 17 13:47:43 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Jul 17 13:43:50 2018

Response via : Initial Calibration

Manual Integrations

APPROVED

MMDadoda

7/18/2018 5:49:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.67	114	247392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101274	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13414	1.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	9727	0.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	21734	0.87	ug/L	0.00
20) 2-Butanone-d5	3.96	46	18359	5.37	ug/L	0.00
24) Chloroform-d	4.41	84	20320	0.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	9935	0.81	ug/L	0.00
32) Benzene-d6	5.10	84	42547	0.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	13497	0.80	ug/L	0.00
41) Toluene-d8	7.37	98	37366	0.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4271	0.75	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	21362	7.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	9937	0.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	13236	0.76	ug/L	0.00

Target Compounds

				Qvalue	
2) Dichlorodifluoromethane	1.14	85	12631m)	0.651 ug/L	
3) Chloromethane	1.27	50	13064	0.551 ug/L	100
5) Vinyl chloride	1.32	62	14541	0.660 ug/L	95
6) Bromomethane	1.53	94	6379	0.625 ug/L	93
8) Chloroethane	1.60	64	9146	0.684 ug/L	99
9) Trichlorofluoromethane	1.77	101	16395	0.662 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9695	0.633 ug/L	99
12) 1,1-Dichloroethene	2.14	96	9923	0.641 ug/L	# 76
13) Acetone	2.20	43	17878	8.274 ug/L	98
14) Carbon disulfide	2.32	76	29585	0.639 ug/L	98
15) Methyl Acetate	2.47	43	6409	1.008 ug/L	99
16) Methylene chloride	2.54	84	15438	0.884 ug/L	92
17) Methyl tert-butyl Ether	2.82	73	25183	0.686 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	10744	0.636 ug/L	98
19) 1,1-Dichloroethane	3.23	63	19723	0.673 ug/L	97
21) 2-Butanone	4.05	43	28749	8.109 ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	10825	0.596 ug/L	99
23) Bromochloromethane	4.31	128	4303	0.579 ug/L	94
25) Chloroform	4.44	83	18500	0.634 ug/L	98
27) 1,2-Dichloroethane	5.19	62	10839	0.654 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	14147	0.594 ug/L	97
30) Cyclohexane	4.73	56	15908	0.628 ug/L	95
31) Carbon tetrachloride	4.88	117	11726	0.589 ug/L	95
33) Benzene	5.15	78	40987	0.605 ug/L	100
34) Trichloroethene	5.96	95	10314	0.593 ug/L	96
35) Methylcyclohexane	6.18	83	15423	0.551 ug/L	98
37) 1,2-Dichloropropane	6.23	63	10569	0.637 ug/L	100
38) Bromodichloromethane	6.57	83	11334	0.606 ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	12528	0.563 ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	56613	6.735 ug/L	99

) MD
07/18/18

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071718\

Quantitation Report (QT Reviewed)

Data File : VV006613.D

Acq On : 17 Jul 2018 12:10

Operator : SY/MD

Sample : VSTD0.575

Misc : 25 mL/MSVOA_V/WATER

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 17 13:47:43 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Jul 17 13:43:50 2018

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.575

Manual Integrations

APPROVED

MMDadoda

7/18/2018 5:49:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	40419	0.573	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	9057	0.527	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	7307	0.630	ug/L	99
47) Tetrachloroethene	8.03	164	8248	0.577	ug/L	93
48) 2-Hexanone	8.20	43	39575	6.640	ug/L	95
49) Dibromochloromethane	8.30	129	6634	0.548	ug/L	96
50) 1,2-Dibromoethane	8.40	107	6316	0.598	ug/L	93
51) Chlorobenzene	8.93	112	27597	0.598	ug/L	98
52) Ethylbenzene	9.06	91	42304	0.565	ug/L	99
53) m,p-xylene	9.19	106	15998	0.554	ug/L	93
54) o-xylene	9.59	106	15211	0.538	ug/L	95
55) Styrene	9.61	104	24925	0.525	ug/L	98
56) Isopropylbenzene	9.98	105	38696	0.534	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	8683	0.634	ug/L	91
59) 1,2,3-Trichloropropane	10.33	75	6291	0.638	ug/L	93
61) Bromoform	9.78	173	3421	0.590	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	18915	0.592	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	19670	0.606	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	18618	0.603	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	1194	0.724	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	13888	0.549	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	11351	0.564	ug/L	98
69) Naphthalene	13.56	128	19807	0.579	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	10759	0.570	ug/L	99

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