

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110718\
 Data File : VV008545.D
 Acq On : 07 Nov 2018 12:00
 Operator : SY/MD
 Sample : VSTD00542
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Quant Time: Nov 07 13:40:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 07 13:37:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	136905	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36301	4.69	ug/L	0.00
7) Chloroethane-d5	1.59	69	26823	4.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	65396	4.41	ug/L	0.00
20) 2-Butanone-d5	3.97	46	121261	46.73	ug/L	0.00
24) Chloroform-d	4.41	84	88978	5.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	44790	5.11	ug/L	0.00
32) Benzene-d6	5.10	84	170559	4.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	54482	4.38	ug/L	0.00
41) Toluene-d8	7.36	98	158634	4.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	21613	4.19	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	95623	52.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	39033	4.72	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	51396	4.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	62467	5.927	ug/L 99
3) Chloromethane	1.25	50	51103	4.750	ug/L 96
5) Vinyl chloride	1.32	62	47772	4.690	ug/L 99
6) Bromomethane	1.54	94	27767	4.763	ug/L 99
8) Chloroethane	1.60	64	25555	4.826	ug/L 99
9) Trichlorofluoromethane	1.77	101	59758	4.825	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34550	4.888	ug/L 97
12) 1,1-Dichloroethene	2.14	96	31632	4.810	ug/L 93
13) Acetone	2.23	43	59140	42.120	ug/L 100
14) Carbon disulfide	2.32	76	102117	4.513	ug/L 99
15) Methyl Acetate	2.48	43	15734	4.505	ug/L 92
16) Methylene chloride	2.54	84	33930	4.457	ug/L 99
17) Methyl tert-butyl Ether	2.82	73	86445	4.627	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	34668	4.899	ug/L 98
19) 1,1-Dichloroethane	3.23	63	65272	4.465	ug/L 97
21) 2-Butanone	4.06	43	140024	48.028	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	53502	4.683	ug/L # 93
23) Bromochloromethane	4.30	128	21884	5.167	ug/L 94
25) Chloroform	4.43	83	93215	5.202	ug/L 95
27) 1,2-Dichloroethane	5.19	62	59719	5.606	ug/L 98
29) 1,1,1-Trichloroethane	4.66	97	81480	5.083	ug/L 98
30) Cyclohexane	4.72	56	88619	4.398	ug/L 97
31) Carbon tetrachloride	4.87	117	69889	5.185	ug/L 100
33) Benzene	5.15	78	199452	4.598	ug/L 100
34) Trichloroethene	5.96	95	53209	4.426	ug/L 97
35) Methylcyclohexane	6.18	83	82318	4.061	ug/L 95
37) 1,2-Dichloropropane	6.23	63	50905	4.349	ug/L 99
38) Bromodichloromethane	6.56	83	62581	4.760	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	76749	4.596	ug/L 98
40) 4-Methyl-2-pentanone	7.28	43	328735	45.861	ug/L 98

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42) Toluene	7.43	91	207827	4.596	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	60831	4.552	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	35054	4.824	ug/L	94
47) Tetrachloroethene	8.02	164	36996	4.912	ug/L	97
48) 2-Hexanone	8.19	43	230919	44.076	ug/L	96
49) Dibromochloromethane	8.29	129	39634	4.785	ug/L	99
50) 1,2-Dibromoethane	8.40	107	32085	4.711	ug/L	92
51) Chlorobenzene	8.93	112	130058	4.841	ug/L	98
52) Ethylbenzene	9.06	91	226834	4.562	ug/L	99
53) m,p-xylene	9.18	106	85065	4.730	ug/L	96
54) o-xylene	9.59	106	82870	4.625	ug/L	97
55) Styrene	9.61	104	134268	4.658	ug/L	96
56) Isopropylbenzene	9.98	105	221441	4.690	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	42809	5.178	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	32515	4.965	ug/L	96
61) Bromoform	9.78	173	18099	4.383	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	92856	4.857	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	92287	4.876	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	89134	4.863	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	6623	4.790	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	64458	5.211	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	52854	6.002	ug/L	98
69) Naphthalene	13.56	128	92626	5.643	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	48772	5.579	ug/L	99

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

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