

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110718\
 Data File : VV008543.D
 Acq On : 07 Nov 2018 11:04
 Operator : SY/MD
 Sample : VSTD0.540
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.540

Quant Time: Nov 07 13:40:26 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	175804	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	158353	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2738	0.28	ug/L	0.00
7) Chloroethane-d5	1.59	69	2571	0.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	5724	0.30	ug/L	0.00
20) 2-Butanone-d5	3.98	46	8234	2.47	ug/L	0.00
24) Chloroform-d	4.40	84	6742	0.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	3292	0.29	ug/L	0.00
32) Benzene-d6	5.10	84	12013	0.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	4208	0.27	ug/L	0.00
41) Toluene-d8	7.36	98	10578	0.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1808	0.28	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	6489	2.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	2703	0.27	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	4088	0.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	7605	0.562 ug/L	93
3) Chloromethane	1.25	50	6288	0.455 ug/L	96
5) Vinyl chloride	1.32	62	5666	0.433 ug/L	96
6) Bromomethane	1.54	94	3449	0.461 ug/L	99
8) Chloroethane	1.60	64	3278	0.482 ug/L	99
9) Trichlorofluoromethane	1.77	101	6989	0.439 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4218	0.465 ug/L	96
12) 1,1-Dichloroethene	2.14	96	3940	0.467 ug/L #	75
13) Acetone	2.23	43	7433	4.123 ug/L	67
14) Carbon disulfide	2.32	76	13345	0.459 ug/L #	95
15) Methyl Acetate	2.47	43	1654	0.369 ug/L #	73
16) Methylene chloride	2.54	84	4561	0.467 ug/L	87
17) Methyl tert-butyl Ether	2.81	73	9847	0.410 ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	4529	0.498 ug/L	97
19) 1,1-Dichloroethane	3.23	63	9185	0.489 ug/L	95
21) 2-Butanone	4.06	43	13207	3.528 ug/L	81
22) cis-1,2-Dichloroethene	3.96	96	6746	0.460 ug/L #	89
23) Bromochloromethane	4.30	128	2507	0.461 ug/L	87
25) Chloroform	4.43	83	10957	0.476 ug/L	99
27) 1,2-Dichloroethane	5.19	62	7015	0.513 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	9450	0.479 ug/L	96
30) Cyclohexane	4.72	56	10551	0.426 ug/L	97
31) Carbon tetrachloride	4.87	117	7639	0.461 ug/L	100
33) Benzene	5.15	78	22732	0.426 ug/L	100
34) Trichloroethene	5.96	95	6363	0.430 ug/L	98
35) Methylcyclohexane	6.18	83	10250	0.411 ug/L	94
37) 1,2-Dichloropropane	6.23	63	5825	0.405 ug/L	99
38) Bromodichloromethane	6.56	83	6941	0.429 ug/L #	97
39) cis-1,3-Dichloropropene	7.08	75	8491	0.413 ug/L	88
40) 4-Methyl-2-pentanone	7.28	43	34940	3.962 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	23235	0.418	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	6066	0.369	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	3914	0.438	ug/L	98
47) Tetrachloroethene	8.02	164	4404	0.475	ug/L	94
48) 2-Hexanone	8.19	43	23628	3.666	ug/L	95
49) Dibromochloromethane	8.30	129	4289	0.421	ug/L	89
50) 1,2-Dibromoethane	8.40	107	3523	0.421	ug/L #	98
51) Chlorobenzene	8.93	112	14696	0.445	ug/L	97
52) Ethylbenzene	9.06	91	25889	0.423	ug/L	97
53) m,p-xylene	9.19	106	9610	0.434	ug/L	93
54) o-xylene	9.59	106	8922	0.405	ug/L	97
55) Styrene	9.61	104	14641	0.413	ug/L	98
56) Isopropylbenzene	9.98	105	24052	0.414	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	4540	0.446	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	3584	0.445	ug/L	91
61) Bromoform	9.78	173	2057	0.410	ug/L #	87
62) 1,3-Dichlorobenzene	11.23	146	10724	0.461	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	9836	0.427	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	10273	0.461	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.48	75	472	0.281	ug/L #	59
67) 1,3,5-Trichlorobenzene	12.70	180	7275	0.483	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	4989	0.466	ug/L	89
69) Naphthalene	13.56	128	9005	0.451	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	4867	0.458	ug/L	96

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

