

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072219\
 Data File : VV011951.D
 Acq On : 22 Jul 2019 16:26
 Operator : SY/MD
 Sample : VSTD01034
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Quant Time: Jul 23 06:55:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 23 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	141671	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136058	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72882	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72929	7.36	ug/L	0.00
7) Chloroethane-d5	1.59	69	58239	7.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	153338	9.17	ug/L	0.00
20) 2-Butanone-d5	3.96	46	233500	91.32	ug/L	0.00
24) Chloroform-d	4.40	84	194253	9.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	102802	9.69	ug/L	0.00
32) Benzene-d6	5.10	84	390852	9.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	111246	9.31	ug/L	0.00
41) Toluene-d8	7.36	98	370551	10.28	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	46626	10.39	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	194689	108.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	79639	10.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	140869	9.61	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	150510	10.277 ug/L	100
3) Chloromethane	1.25	50	87498	6.737 ug/L	98
5) Vinyl chloride	1.32	62	91200	7.237 ug/L	97
6) Bromomethane	1.54	94	55167	7.449 ug/L	98
8) Chloroethane	1.60	64	50944	7.117 ug/L	97
9) Trichlorofluoromethane	1.77	101	166986	9.878 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	73364	9.179 ug/L	99
12) 1,1-Dichloroethene	2.14	96	67817	9.224 ug/L	98
13) Acetone	2.23	43	112706	85.791 ug/L	99
14) Carbon disulfide	2.32	76	190032	9.055 ug/L	100
15) Methyl Acetate	2.47	43	23289	8.608 ug/L	93
16) Methylene chloride	2.54	84	66283	8.532 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	233780	10.267 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	105112	9.977 ug/L	99
19) 1,1-Dichloroethane	3.23	63	186008	9.423 ug/L	97
21) 2-Butanone	4.05	43	244437	96.025 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	112286	10.216 ug/L	98
23) Bromochloromethane	4.30	128	47517	10.556 ug/L	98
25) Chloroform	4.43	83	211605	9.778 ug/L	97
27) 1,2-Dichloroethane	5.18	62	126280	10.029 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	185854	10.978 ug/L	99
30) Cyclohexane	4.72	56	174144	9.994 ug/L	97
31) Carbon tetrachloride	4.87	117	167512	11.228 ug/L	99
33) Benzene	5.15	78	420514	9.972 ug/L	100
34) Trichloroethene	5.96	95	115316	9.822 ug/L	99
35) Methylcyclohexane	6.18	83	185791	10.417 ug/L	97
37) 1,2-Dichloropropane	6.22	63	99209	9.824 ug/L	99
38) Bromodichloromethane	6.56	83	133197	10.394 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	158725	11.160 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	595773	98.556 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	463160	10.441	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	124276	10.970	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	68899	9.846	ug/L	99
47) Tetrachloroethene	8.02	164	97955	11.009	ug/L	98
48) 2-Hexanone	8.19	43	419294	97.145	ug/L	99
49) Dibromochloromethane	8.29	129	88394	11.382	ug/L	97
50) 1,2-Dibromoethane	8.40	107	67565	10.484	ug/L	97
51) Chlorobenzene	8.93	112	295133	10.441	ug/L	100
52) Ethylbenzene	9.05	91	531592	10.801	ug/L	100
53) m,p-xylene	9.18	106	203934	11.075	ug/L	99
54) o-xylene	9.59	106	192510	11.249	ug/L	96
55) Styrene	9.60	104	328498	11.275	ug/L	97
56) Isopropylbenzene	9.97	105	535440	11.299	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	74605	11.002	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	59901	9.765	ug/L	100
61) Bromoform	9.77	173	48682	11.503	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	246291	10.343	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	251529	10.298	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	229980	10.370	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	13358	10.639	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	205326	10.924	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	170749	11.462	ug/L	99
69) Naphthalene	13.55	128	267415	11.707	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	154543	11.455	ug/L	99

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

