

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091719\
 Data File : VV012866.D
 Acq On : 17 Sep 2019 16:16
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00536

Quant Time: Sep 17 17:10:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 17:07:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	400009	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	395800	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	195360	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	199595	6.59	ug/L	0.00
7) Chloroethane-d5	1.58	69	157613	6.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	292460	6.03	ug/L	0.00
20) 2-Butanone-d5	3.98	46	446869	92.07	ug/L	0.00
24) Chloroform-d	4.40	84	326515	6.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	164843	7.24	ug/L	0.00
32) Benzene-d6	5.10	84	667120	6.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	202636	6.90	ug/L	0.00
41) Toluene-d8	7.36	98	612213	7.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	72363	7.45	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	331132	102.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155192	8.71	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	208539	6.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	114152	3.959	ug/L 100
3) Chloromethane	1.25	50	132879	4.562	ug/L 100
5) Vinyl chloride	1.32	62	152685	4.678	ug/L 100
6) Bromomethane	1.53	94	73726	4.429	ug/L 100
8) Chloroethane	1.60	64	80752	4.591	ug/L 100
9) Trichlorofluoromethane	1.77	101	188914	4.731	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	113490	4.803	ug/L 100
12) 1,1-Dichloroethene	2.14	96	102755	4.725	ug/L 100
13) Acetone	2.24	43	207756	65.879	ug/L 100
14) Carbon disulfide	2.32	76	208255	4.506	ug/L 100
15) Methyl Acetate	2.48	43	64917	6.906	ug/L 100
16) Methylene chloride	2.53	84	117824	4.545	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	294994	5.106	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	108860	4.600	ug/L 100
19) 1,1-Dichloroethane	3.23	63	234932	4.790	ug/L 100
21) 2-Butanone	4.06	43	391627	67.012	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	128681	4.874	ug/L 100
23) Bromochloromethane	4.30	128	55678	4.868	ug/L 100
25) Chloroform	4.42	83	253079	4.611	ug/L 100
27) 1,2-Dichloroethane	5.18	62	143839	5.026	ug/L 100
29) 1,1,1-Trichloroethane	4.65	97	193482	4.765	ug/L 100
30) Cyclohexane	4.72	56	163767	4.790	ug/L 100
31) Carbon tetrachloride	4.87	117	163276	4.753	ug/L 100
33) Benzene	5.14	78	501303	5.014	ug/L 100
34) Trichloroethene	5.95	95	124487	4.438	ug/L 100
35) Methylcyclohexane	6.17	83	171463	4.904	ug/L 100
37) 1,2-Dichloropropane	6.22	63	136111	5.029	ug/L 100
38) Bromodichloromethane	6.55	83	172160	4.922	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	175359	5.185	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	934608	60.122	ug/L 100

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42) Toluene	7.43	91	539439	5.268	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	141249	5.243	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	98946	5.101	ug/L	100
47) Tetrachloroethene	8.02	164	101614	4.867	ug/L	100
48) 2-Hexanone	8.19	43	696988	59.343	ug/L	100
49) Dibromochloromethane	8.29	129	113627	5.141	ug/L	100
50) 1,2-Dibromoethane	8.40	107	84207	5.203	ug/L	100
51) Chlorobenzene	8.92	112	352147	4.993	ug/L	100
52) Ethylbenzene	9.05	91	563691	5.160	ug/L	100
53) m,p-xylene	9.18	106	212179	5.233	ug/L	100
54) o-xylene	9.59	106	208170	5.275	ug/L	100
55) Styrene	9.60	104	372293	5.554	ug/L	100
56) Isopropylbenzene	9.97	105	565156	5.334	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	128220	6.577	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	88209	5.401	ug/L	100
61) Bromoform	9.77	173	63052	5.065	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	280750	5.021	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	284006	4.894	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	273183	5.014	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	17699	6.250	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	213908	4.936	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	170019	5.180	ug/L	100
69) Naphthalene	13.55	128	253830	5.327	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	173428	5.414	ug/L	100

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

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