

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071219\
 Data File : VU033212.D
 Acq On : 12 Jul 2019 10:27
 Operator : JC/SP
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10035

Quant Time: Jul 12 23:32:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 23:28:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	317184	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	321704	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	165265	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	243251	110.98	ug/L	0.00
7) Chloroethane-d5	1.66	69	210261	118.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	416051	94.45	ug/L	0.00
21) 2-Butanone-d5	4.15	46	326749	188.88	ug/L	0.00
24) Chloroform-d	4.62	84	412348	99.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	260782	95.22	ug/L	0.00
32) Benzene-d6	5.31	84	827452	101.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	260561	100.64	ug/L	0.00
41) Toluene-d8	7.55	98	798706	104.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	133631	99.39	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	265797	219.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	400131	99.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	309079	99.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	305945	96.994	ug/L 99
3) Chloromethane	1.32	50	307940	105.668	ug/L 99
5) Vinyl chloride	1.39	62	351398	118.156	ug/L 100
6) Bromomethane	1.60	94	215518	124.022	ug/L 98
8) Chloroethane	1.68	64	213541	122.213	ug/L 97
9) Trichlorofluoromethane	1.87	101	459450	111.510	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	208260	97.928	ug/L 99
12) 1,1-Dichloroethene	2.27	96	203214	100.561	ug/L 92
13) Acetone	2.31	43	330578	141.159	ug/L 99
14) Carbon disulfide	2.46	76	637421	101.144	ug/L 99
15) Methyl Acetate	2.60	43	250059	91.378	ug/L 99
16) Methylene chloride	2.68	84	238543	102.187	ug/L 96
17) trans-1,2-Dichloroethene	2.96	96	218760	101.625	ug/L 99
18) Methyl tert-butyl Ether	2.98	73	698356	101.889	ug/L 100
19) 1,1-Dichloroethane	3.42	63	410671	100.390	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	252371	106.977	ug/L 97
22) 2-Butanone	4.23	43	422652	171.792	ug/L 99
23) Bromochloromethane	4.52	128	125521	102.845	ug/L 100
25) Chloroform	4.65	83	436606	102.896	ug/L 99
27) 1,2-Dichloroethane	5.38	62	345855	100.203	ug/L 99
29) Cyclohexane	4.97	56	374768	102.104	ug/L 100
30) 1,1,1-Trichloroethane	4.89	97	370589	97.060	ug/L 100
31) Carbon tetrachloride	5.11	117	327819	94.874	ug/L 100
33) Benzene	5.37	78	949400	103.544	ug/L 100
34) Trichloroethene	6.16	95	243715	100.162	ug/L 98
35) Methylcyclohexane	6.40	83	401197	106.676	ug/L 99
37) 1,2-Dichloropropane	6.41	63	255490	101.999	ug/L 100
38) Bromodichloromethane	6.74	83	331806	99.082	ug/L 98
39) cis-1,3-Dichloropropene	7.25	75	414804	107.296	ug/L 97
40) 4-Methyl-2-pentanone	7.44	43	717337	184.310	ug/L 99

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42) Toluene	7.62	91	1052964	106.125	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	372088	102.193	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	241140	103.224	ug/L	99
46) Tetrachloroethene	8.21	164	192897	97.668	ug/L	99
48) 2-Hexanone	8.34	43	584777	172.656	ug/L	98
49) Dibromochloromethane	8.46	129	277408	99.964	ug/L	99
50) 1,2-Dibromoethane	8.57	107	267136	103.104	ug/L	98
51) Chlorobenzene	9.10	112	669201	102.664	ug/L	99
52) Ethylbenzene	9.23	91	1159320	105.890	ug/L	99
53) m,p-Xylene	9.36	106	440203	106.375	ug/L	97
54) o-xylene	9.76	106	442325	109.220	ug/L	98
55) Styrene	9.77	104	760010	108.518	ug/L	98
56) Isopropylbenzene	10.15	105	1137949	105.015	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	428896	101.276	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	333859	100.018	ug/L	100
61) Bromoform	9.94	173	208686	99.607	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	521154	103.048	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	533746	101.924	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	524527	101.341	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	100331	102.448	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	387807	96.577	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	356338	103.933	ug/L	98
69) Naphthalene	13.73	128	1218275	114.167	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	366034	100.577	ug/L	99

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

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