

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030689.D
 Acq On : 04 Apr 2019 17:15
 Operator : JC/SP
 Sample : VSTD05048
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05048

Quant Time: Apr 05 01:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:40:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	482727	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	471251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217911	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	213647	47.98	ug/L	0.00
7) Chloroethane-d5	1.68	69	163440	48.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	382748	48.09	ug/L	0.00
21) 2-Butanone-d5	4.17	46	353844	108.76	ug/L	0.00
24) Chloroform-d	4.64	84	330619	50.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	226081	49.43	ug/L	0.00
32) Benzene-d6	5.34	84	685800	49.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	235727	50.02	ug/L	0.00
41) Toluene-d8	7.56	98	625967	52.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	110681	54.71	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	230620	116.73	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	324941	51.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	213181	49.06	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	204455	45.847	ug/L	100
3) Chloromethane	1.32	50	264128	45.536	ug/L	100
5) Vinyl chloride	1.40	62	262199	46.952	ug/L	100
6) Bromomethane	1.62	94	136083	47.270	ug/L	100
8) Chloroethane	1.69	64	147386	46.235	ug/L	100
9) Trichlorofluoromethane	1.88	101	302404	46.804	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	164876	45.467	ug/L	100
12) 1,1-Dichloroethene	2.28	96	165007	47.961	ug/L	100
13) Acetone	2.32	43	345964	91.697	ug/L	100
14) Carbon disulfide	2.47	76	509761	47.543	ug/L	100
15) Methyl Acetate	2.61	43	272913	50.150	ug/L	100
16) Methylene chloride	2.69	84	199593	46.700	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	173268	46.602	ug/L	100
18) Methyl tert-butyl Ether	2.99	73	585302	48.382	ug/L	100
19) 1,1-Dichloroethane	3.44	63	361398	47.785	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	191346	47.757	ug/L	100
22) 2-Butanone	4.26	43	436879	109.282	ug/L	100
23) Bromochloromethane	4.55	128	92134	48.925	ug/L	100
25) Chloroform	4.67	83	358839	46.366	ug/L	100
27) 1,2-Dichloroethane	5.40	62	274253	47.289	ug/L	100
29) Cyclohexane	4.99	56	334229	49.929	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	281132	47.872	ug/L	100
31) Carbon tetrachloride	5.13	117	242565	48.049	ug/L	100
33) Benzene	5.39	78	764239	48.924	ug/L	100
34) Trichloroethene	6.18	95	184529	47.994	ug/L	100
35) Methylcyclohexane	6.41	83	288765	50.129	ug/L	100
37) 1,2-Dichloropropane	6.43	63	213177	47.842	ug/L	100
38) Bromodichloromethane	6.75	83	257132	48.116	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	316707	53.425	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	720913	106.222	ug/L	100

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42) Toluene	7.63	91	796105	50.536	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	278339	53.042	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	179088	47.683	ug/L	100
46) Tetrachloroethene	8.22	164	132414	46.854	ug/L	100
48) 2-Hexanone	8.36	43	587527	112.627	ug/L	100
49) Dibromochloromethane	8.47	129	192356	48.770	ug/L	100
50) 1,2-Dibromoethane	8.58	107	197523	48.915	ug/L	100
51) Chlorobenzene	9.12	112	472606	48.152	ug/L	100
52) Ethylbenzene	9.25	91	852047	49.869	ug/L	100
53) m,p-Xylene	9.37	106	300286	51.496	ug/L	100
54) o-xylene	9.77	106	298716	50.974	ug/L	100
55) Styrene	9.79	104	529554	53.641	ug/L	100
56) Isopropylbenzene	10.16	105	796275	51.731	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	331134	48.787	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	263475	49.933	ug/L	100
61) Bromoform	9.95	173	140085	47.916	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	338186	48.054	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	338758	47.190	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	341765	48.005	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	73388	50.055	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	250132	49.303	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	220770	53.530	ug/L	100
69) Naphthalene	13.74	128	737883	58.267	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	226156	51.441	ug/L	100

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

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