

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
 Data File : VU030340.D
 Acq On : 23 Mar 2019 14:36
 Operator : JC/SP
 Sample : VSTD10048
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10048

Quant Time: Mar 24 01:46:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Mar 24 01:42:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	430388	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	422370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	207599	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	348431	114.97	ug/L	0.00
7) Chloroethane-d5	1.67	69	281860	116.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	655572	117.03	ug/L	0.00
21) 2-Butanone-d5	4.17	46	708989	293.52	ug/L	0.00
24) Chloroform-d	4.64	84	614979	111.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	392147	121.16	ug/L	0.00
32) Benzene-d6	5.34	84	1248196	109.75	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	432216	119.75	ug/L	0.00
41) Toluene-d8	7.56	98	1142401	107.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	208667	120.03	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	496700	262.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	607874	111.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	413132	99.07	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	446244	114.674	ug/L	100
3) Chloromethane	1.33	50	492076	125.355	ug/L	99
5) Vinyl chloride	1.40	62	479224	119.207	ug/L	99
6) Bromomethane	1.61	94	220715	105.952	ug/L	98
8) Chloroethane	1.69	64	266172	113.179	ug/L	100
9) Trichlorofluoromethane	1.88	101	519909	105.510	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	300719	101.735	ug/L	99
12) 1,1-Dichloroethene	2.28	96	293101	100.214	ug/L	91
13) Acetone	2.32	43	605449	241.621	ug/L	100
14) Carbon disulfide	2.48	76	973104	108.935	ug/L	100
15) Methyl Acetate	2.61	43	494949	134.712	ug/L	# 100
16) Methylene chloride	2.70	84	345937	103.283	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	306733	99.148	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	1037357	113.367	ug/L	99
19) 1,1-Dichloroethane	3.44	63	632149	114.771	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	348278	102.675	ug/L	99
22) 2-Butanone	4.26	43	817108	274.383	ug/L	99
23) Bromochloromethane	4.55	128	162802	92.252	ug/L	94
25) Chloroform	4.67	83	599054	106.395	ug/L	99
27) 1,2-Dichloroethane	5.40	62	479302	117.049	ug/L	100
29) Cyclohexane	4.99	56	624972	125.998	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	491601	105.443	ug/L	98
31) Carbon tetrachloride	5.13	117	422003	102.612	ug/L	99
33) Benzene	5.39	78	1386686	109.809	ug/L	100
34) Trichloroethene	6.18	95	334573	101.887	ug/L	99
35) Methylcyclohexane	6.41	83	567170	109.916	ug/L	97
37) 1,2-Dichloropropane	6.43	63	388906	117.684	ug/L	100
38) Bromodichloromethane	6.75	83	461267	110.702	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	589433	113.138	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	1342596	279.504	ug/L	100

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42) Toluene	7.63	91	1440607	105.898	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	524260	116.043	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	327984	100.892	ug/L	98
46) Tetrachloroethene	8.22	164	234605	87.796	ug/L	99
48) 2-Hexanone	8.36	43	1097750	275.902	ug/L	99
49) Dibromochloromethane	8.47	129	349323	96.961	ug/L	97
50) 1,2-Dibromoethane	8.58	107	358226	100.037	ug/L	99
51) Chlorobenzene	9.12	112	862467	97.416	ug/L	99
52) Ethylbenzene	9.25	91	1584290	107.061	ug/L	100
53) m,p-Xylene	9.37	106	573933	102.597	ug/L	100
54) o-xylene	9.78	106	562928	102.185	ug/L	98
55) Styrene	9.79	104	991274	105.783	ug/L	99
56) Isopropylbenzene	10.16	105	1482075	103.425	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	608563	107.742	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	472139	107.613	ug/L	100
61) Bromoform	9.95	173	265432	98.565	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	635906	95.533	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	648533	94.027	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	637323	93.914	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	145737	120.300	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	487249	94.261	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	439286	96.270	ug/L	99
69) Naphthalene	13.74	128	1467707	100.395	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	443495	93.677	ug/L	100

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

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