

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032289.D
 Acq On : 24 May 2019 04:44
 Operator : JC/SP
 Sample : VSTD05054
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: May 24 05:12:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 05:08:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	663411	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	677296	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	325979	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174460	41.91	ug/L	0.00
7) Chloroethane-d5	1.67	69	167299	45.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	341953	42.78	ug/L	0.00
21) 2-Butanone-d5	4.17	46	346142	123.04	ug/L	0.00
24) Chloroform-d	4.64	84	442877	51.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	279893	54.40	ug/L	0.00
32) Benzene-d6	5.33	84	873175	49.71	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	275147	53.19	ug/L	0.00
41) Toluene-d8	7.56	98	810181	48.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	128018	50.78	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	236906	103.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	449798	53.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	332105	48.71	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	208358	40.081	ug/L	100
3) Chloromethane	1.32	50	245980	51.517	ug/L	100
5) Vinyl chloride	1.40	62	237095	45.475	ug/L	100
6) Bromomethane	1.61	94	193415	52.579	ug/L	100
8) Chloroethane	1.69	64	159490	49.548	ug/L	100
9) Trichlorofluoromethane	1.88	101	300356	41.498	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	178411	41.394	ug/L	100
12) 1,1-Dichloroethene	2.28	96	196091	44.953	ug/L	100
13) Acetone	2.32	43	247239	92.301	ug/L	100
14) Carbon disulfide	2.47	76	562392	44.112	ug/L	100
15) Methyl Acetate	2.61	43	258248	62.250	ug/L	100
16) Methylene chloride	2.70	84	275393	52.721	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	221450	48.398	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	790122	57.563	ug/L	100
19) 1,1-Dichloroethane	3.44	63	417422	52.705	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	277568	52.852	ug/L	100
22) 2-Butanone	4.26	43	378197	120.468	ug/L	100
23) Bromochloromethane	4.54	128	153493	54.168	ug/L	100
25) Chloroform	4.67	83	451674	52.015	ug/L	100
27) 1,2-Dichloroethane	5.40	62	354712	54.824	ug/L	100
29) Cyclohexane	4.99	56	267993	43.924	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	331276	46.305	ug/L	100
31) Carbon tetrachloride	5.13	117	272184	43.802	ug/L	100
33) Benzene	5.39	78	963106	50.591	ug/L	100
34) Trichloroethene	6.18	95	238905	47.433	ug/L	100
35) Methylcyclohexane	6.41	83	301972	41.212	ug/L	100
37) 1,2-Dichloropropane	6.43	63	250120	53.032	ug/L	100
38) Bromodichloromethane	6.75	83	342174	52.764	ug/L	100
39) cis-1,3-Dichloropropene	7.26	75	375886	51.551	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	690423	123.564	ug/L	100

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42) Toluene	7.63	91	1041394	49.998	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	335577	51.616	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	275818	53.826	ug/L	100
46) Tetrachloroethene	8.22	164	177454	43.678	ug/L	100
48) 2-Hexanone	8.36	43	564875	118.848	ug/L	100
49) Dibromochloromethane	8.47	129	291191	53.314	ug/L	100
50) 1,2-Dibromoethane	8.58	107	296273	54.762	ug/L	100
51) Chlorobenzene	9.12	112	675495	48.022	ug/L	100
52) Ethylbenzene	9.24	91	1052265	47.364	ug/L	100
53) m,p-Xylene	9.37	106	411534	47.222	ug/L	100
54) o-xylene	9.77	106	428027	49.457	ug/L	100
55) Styrene	9.79	104	765196	51.351	ug/L	100
56) Isopropylbenzene	10.16	105	1013014	46.036	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	466357	54.076	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	364744	55.230	ug/L	100
61) Bromoform	9.95	173	226745	53.501	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	501457	47.450	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	520750	46.740	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	555723	49.811	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	100323	56.217	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	376220	46.829	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	306276	48.801	ug/L	100
69) Naphthalene	13.74	128	1073387	55.337	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	350702	49.547	ug/L	100

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

