

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011420\
 Data File : VU036451.D
 Acq On : 14 Jan 2020 17:24
 Operator : JC/MD
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05035

Quant Time: Jan 15 00:04:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 00:01:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	510648	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	488994	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	221553	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	159699	41.44	ug/L	0.00
7) Chloroethane-d5	1.93	69	138681	42.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	316093	46.77	ug/L	0.00
21) 2-Butanone-d5	4.68	46	283875	96.09	ug/L	0.00
24) Chloroform-d	5.11	84	332195	48.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	219127	47.62	ug/L	0.00
32) Benzene-d6	5.77	84	644344	47.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	208869	46.07	ug/L	0.00
41) Toluene-d8	7.93	98	607082	46.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	111773	45.54	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	223172	94.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	317262	46.22	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	221130	47.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	239502	56.227	ug/L 100
3) Chloromethane	1.54	50	223807	57.876	ug/L 100
5) Vinyl chloride	1.62	62	216676	49.636	ug/L 100
6) Bromomethane	1.87	94	130865	59.394	ug/L 100
8) Chloroethane	1.95	64	125361	48.200	ug/L 100
9) Trichlorofluoromethane	2.16	101	293801	48.290	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	157980	51.757	ug/L 100
12) 1,1-Dichloroethene	2.61	96	154937	51.475	ug/L 100
13) Acetone	2.66	43	297920	95.726	ug/L 100
14) Carbon disulfide	2.82	76	490308	52.334	ug/L 100
15) Methyl Acetate	2.99	43	214899	51.215	ug/L 100
16) Methylene chloride	3.08	84	188782	51.343	ug/L 100
17) trans-1,2-Dichloroethene	3.39	96	165592	51.280	ug/L 100
18) Methyl tert-butyl Ether	3.41	73	581201	49.629	ug/L 100
19) 1,1-Dichloroethane	3.92	63	324055	50.066	ug/L 100
20) cis-1,2-Dichloroethene	4.72	96	196524	50.250	ug/L 100
22) 2-Butanone	4.76	43	356227	97.663	ug/L 100
23) Bromochloromethane	5.02	128	93193	49.962	ug/L 100
25) Chloroform	5.13	83	336457	48.942	ug/L 100
27) 1,2-Dichloroethane	5.84	62	271133	50.648	ug/L 100
29) Cyclohexane	5.43	56	299156	51.896	ug/L 100
30) 1,1,1-Trichloroethane	5.36	97	300707	49.736	ug/L 100
31) Carbon tetrachloride	5.57	117	263566	50.174	ug/L 100
33) Benzene	5.82	78	727452	50.095	ug/L 100
34) Trichloroethene	6.58	95	195409	51.825	ug/L 100
35) Methylcyclohexane	6.80	83	300132	50.175	ug/L 100
37) 1,2-Dichloropropane	6.83	63	190017	48.677	ug/L 100
38) Bromodichloromethane	7.14	83	264944	48.167	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	317733	48.320	ug/L 100
40) 4-Methyl-2-pentanone	7.83	43	605951	91.988	ug/L 100

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42) Toluene	8.00	91	791657	49.511	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	294372	48.270	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	181273	49.685	ug/L	100
46) Tetrachloroethene	8.58	164	133234	49.537	ug/L	100
48) 2-Hexanone	8.72	43	482026	95.214	ug/L	100
49) Dibromochloromethane	8.84	129	207587	46.775	ug/L	100
50) 1,2-Dibromoethane	8.95	107	209774	49.454	ug/L	100
51) Chlorobenzene	9.47	112	493532	49.061	ug/L	100
52) Ethylbenzene	9.60	91	881624	48.653	ug/L	100
53) m,p-Xylene	9.72	106	327804	48.801	ug/L	100
54) o-xylene	10.12	106	326548	48.360	ug/L	100
55) Styrene	10.14	104	547199	48.161	ug/L	100
56) Isopropylbenzene	10.51	105	853186	48.558	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	325726	47.370	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	262839	47.865	ug/L	100
61) Bromoform	10.32	173	149511	45.477	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	349667	48.392	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	355726	49.419	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	351929	48.652	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	75438	45.117	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	216261	45.866	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	162537	45.661	ug/L	100
69) Naphthalene	14.10	128	519313	43.087	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	161472	43.607	ug/L	100

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

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