

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035302.D
 Acq On : 19 Oct 2019 08:01
 Operator : JC/SP
 Sample : VSTD10031
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10031

Quant Time: Oct 21 04:50:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 04:45:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	646018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	645758	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	315489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	577933	103.60	ug/L	0.00
7) Chloroethane-d5	1.93	69	479471	101.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	940932	102.49	ug/L	0.00
21) 2-Butanone-d5	4.69	46	767715	210.19	ug/L	0.00
24) Chloroform-d	5.11	84	937869	102.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	599463	102.54	ug/L	0.00
32) Benzene-d6	5.77	84	1894365	100.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	606543	101.46	ug/L	0.00
41) Toluene-d8	7.93	98	1808965	100.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	319832	102.16	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	572535	221.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	900961	103.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	690409	100.77	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	537673	103.233	ug/L	100
3) Chloromethane	1.54	50	562401	106.898	ug/L	99
5) Vinyl chloride	1.62	62	570049	104.520	ug/L	99
6) Bromomethane	1.87	94	342394	107.660	ug/L	100
8) Chloroethane	1.95	64	344969	102.808	ug/L	100
9) Trichlorofluoromethane	2.16	101	708948	102.510	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	413098	100.877	ug/L	100
12) 1,1-Dichloroethene	2.61	96	401266	102.542	ug/L	95
13) Acetone	2.67	43	648081	195.179	ug/L	99
14) Carbon disulfide	2.83	76	1245910	104.023	ug/L	100
15) Methyl Acetate	2.99	43	500279	104.901	ug/L	100
16) Methylene chloride	3.09	84	473621	102.209	ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	433653	103.051	ug/L	98
18) Methyl tert-butyl Ether	3.42	73	1383486	102.581	ug/L	100
19) 1,1-Dichloroethane	3.92	63	822466	101.777	ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	496845	104.439	ug/L	95
22) 2-Butanone	4.77	43	819060	204.844	ug/L	97
23) Bromochloromethane	5.02	128	248218	103.790	ug/L	99
25) Chloroform	5.14	83	840474	101.694	ug/L	100
27) 1,2-Dichloroethane	5.84	62	661510	102.211	ug/L	100
29) Cyclohexane	5.43	56	732272	100.867	ug/L	99
30) 1,1,1-Trichloroethane	5.37	97	707782	99.795	ug/L	100
31) Carbon tetrachloride	5.57	117	632253	101.783	ug/L	98
33) Benzene	5.82	78	1847679	100.133	ug/L	100
34) Trichloroethene	6.58	95	467827	98.995	ug/L	99
35) Methylcyclohexane	6.80	83	747444	102.850	ug/L	99
37) 1,2-Dichloropropane	6.83	63	477580	99.900	ug/L	100
38) Bromodichloromethane	7.15	83	642444	101.330	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	818373	105.839	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	1414441	209.805	ug/L	99

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42) Toluene	8.01	91	2013474	100.861	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	748377	103.826	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	462343	99.857	ug/L	98
46) Tetrachloroethene	8.59	164	384440	101.210	ug/L	99
48) 2-Hexanone	8.73	43	1093876	195.797	ug/L	93
49) Dibromochloromethane	8.84	129	531292	101.613	ug/L	98
50) 1,2-Dibromoethane	8.96	107	524429	102.083	ug/L	98
51) Chlorobenzene	9.48	112	1302524	101.367	ug/L	98
52) Ethylbenzene	9.60	91	2283558	103.512	ug/L	100
53) m,p-Xylene	9.72	106	851710	105.172	ug/L	99
54) o-xylene	10.13	106	842620	102.646	ug/L	98
55) Styrene	10.14	104	1446480	106.088	ug/L	100
56) Isopropylbenzene	10.51	105	2216891	105.322	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	829349	102.151	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	649989	102.462	ug/L	99
61) Bromoform	10.32	173	424995	97.625	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	1001476	100.098	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	995841	101.478	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	994006	99.524	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	165544	104.497	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	637553	112.608	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	465289	129.267	ug/L	99
69) Naphthalene	14.11	128	1297155	144.296	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	461370	121.455	ug/L	100

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

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