

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103119\
 Data File : VU035560.D
 Acq On : 30 Oct 2019 14:34
 Operator : JC/SP
 Sample : VSTD10033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10033

Quant Time: Oct 30 22:52:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 23:48:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	801154	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	798053	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	388064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	587874	92.09	ug/L	0.00
7) Chloroethane-d5	1.93	69	463574	88.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	901862	86.22	ug/L	0.00
21) 2-Butanone-d5	4.69	46	705319	172.41	ug/L	0.00
24) Chloroform-d	5.11	84	897228	86.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	543523	83.45	ug/L	0.00
32) Benzene-d6	5.77	84	1897113	89.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	607077	87.67	ug/L	0.00
41) Toluene-d8	7.93	98	1812717	92.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	292808	90.55	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	526747	205.46	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	850783	87.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	657122	86.40	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	553005	81.916	ug/L	100
3) Chloromethane	1.54	50	602367	82.875	ug/L	100
5) Vinyl chloride	1.62	62	649057	82.970	ug/L	99
6) Bromomethane	1.87	94	345170	95.398	ug/L	94
8) Chloroethane	1.95	64	373726	81.392	ug/L	98
9) Trichlorofluoromethane	2.16	101	769222	85.117	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	437133	82.719	ug/L	100
12) 1,1-Dichloroethene	2.61	96	432015	85.881	ug/L	93
13) Acetone	2.67	43	569540	143.692	ug/L	100
14) Carbon disulfide	2.82	76	1308644	81.311	ug/L	100
15) Methyl Acetate	2.99	43	538095	81.074	ug/L	100
16) Methylene chloride	3.08	84	518628	83.503	ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	457100	85.866	ug/L	97
18) Methyl tert-butyl Ether	3.42	73	1436372	86.652	ug/L	100
19) 1,1-Dichloroethane	3.92	63	876307	80.907	ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	531075	88.518	ug/L	98
22) 2-Butanone	4.77	43	805023	160.920	ug/L	97
23) Bromochloromethane	5.02	128	271178	88.028	ug/L	98
25) Chloroform	5.14	83	891554	82.893	ug/L	100
27) 1,2-Dichloroethane	5.84	62	658361	80.422	ug/L	99
29) Cyclohexane	5.43	56	766653	86.826	ug/L	100
30) 1,1,1-Trichloroethane	5.37	97	734785	84.318	ug/L	100
31) Carbon tetrachloride	5.57	117	663410	86.225	ug/L	99
33) Benzene	5.82	78	1995929	84.604	ug/L	100
34) Trichloroethene	6.58	95	501139	85.832	ug/L	99
35) Methylcyclohexane	6.80	83	781052	94.992	ug/L	99
37) 1,2-Dichloropropane	6.83	63	538762	83.303	ug/L	100
38) Bromodichloromethane	7.15	83	670208	83.671	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	855013	89.699	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	1471953	168.770	ug/L	99

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42) Toluene	8.01	91	2167889	88.560	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	767128	88.334	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	504910	85.137	ug/L	99
46) Tetrachloroethene	8.59	164	415436	89.784	ug/L	98
48) 2-Hexanone	8.73	43	1154195	164.697	ug/L	95
49) Dibromochloromethane	8.84	129	583549	90.766	ug/L	98
50) 1,2-Dibromoethane	8.96	107	556555	89.033	ug/L	98
51) Chlorobenzene	9.48	112	1409197	88.497	ug/L	99
52) Ethylbenzene	9.60	91	2352194	90.466	ug/L	98
53) m,p-Xylene	9.73	106	908350	94.147	ug/L	95
54) o-xylene	10.13	106	891289	94.221	ug/L	98
55) Styrene	10.14	104	1523433	98.498	ug/L	99
56) Isopropylbenzene	10.51	105	2259316	94.691	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	881994	84.463	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	692225	83.816	ug/L	100
61) Bromoform	10.32	173	465958	79.669	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	1052406	85.674	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	1053866	84.288	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	1050932	83.967	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	163942	80.175	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	680267	105.310	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	464151	113.716	ug/L	99
69) Naphthalene	14.11	128	1216404	109.874	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	477500	112.762	ug/L	99

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

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