

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080519\
 Data File : VU033594.D
 Acq On : 05 Aug 2019 12:05
 Operator : JC/SP
 Sample : VSTD10033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10033

Quant Time: Aug 05 16:56:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 16:26:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	335818	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	331404	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	182362	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	221032	94.66	ug/L	0.00
7) Chloroethane-d5	1.67	69	263036	107.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	413147	92.99	ug/L	0.00
21) 2-Butanone-d5	4.16	46	378082	206.74	ug/L	0.00
24) Chloroform-d	4.62	84	420227	96.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	260997	95.19	ug/L	0.00
32) Benzene-d6	5.32	84	841114	97.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	267389	96.50	ug/L	0.00
41) Toluene-d8	7.55	98	805519	100.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	135794	100.57	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	291983	219.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	418023	98.05	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	338408	96.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	282165	87.877	ug/L	100
3) Chloromethane	1.32	50	300843	90.241	ug/L	99
5) Vinyl chloride	1.39	62	335873	95.102	ug/L	96
6) Bromomethane	1.62	94	233536	93.236	ug/L	99
8) Chloroethane	1.69	64	289348	110.021	ug/L	99
9) Trichlorofluoromethane	1.87	101	434900	91.151	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	219128	91.035	ug/L	99
12) 1,1-Dichloroethene	2.27	96	215014	92.973	ug/L	99
13) Acetone	2.32	43	300951	167.869	ug/L	98
14) Carbon disulfide	2.46	76	659284	95.759	ug/L	100
15) Methyl Acetate	2.60	43	276268	92.461	ug/L	99
16) Methylene chloride	2.68	84	249186	93.019	ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	228757	94.947	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	732790	96.909	ug/L	99
19) 1,1-Dichloroethane	3.42	63	431363	93.344	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	260869	95.608	ug/L	99
22) 2-Butanone	4.24	43	441176	200.312	ug/L	98
23) Bromochloromethane	4.52	128	133086	95.415	ug/L	98
25) Chloroform	4.65	83	443660	91.423	ug/L	98
27) 1,2-Dichloroethane	5.38	62	347928	93.178	ug/L	99
29) Cyclohexane	4.97	56	385575	100.480	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	377938	93.190	ug/L	99
31) Carbon tetrachloride	5.11	117	339592	96.165	ug/L	100
33) Benzene	5.37	78	978690	96.614	ug/L	100
34) Trichloroethene	6.16	95	249869	93.687	ug/L	99
35) Methylcyclohexane	6.40	83	416329	102.817	ug/L	99
37) 1,2-Dichloropropane	6.41	63	260333	93.914	ug/L	100
38) Bromodichloromethane	6.74	83	337776	94.042	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	424924	100.192	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	794364	198.275	ug/L	99

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42) Toluene	7.62	91	1069267	97.543	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	381068	98.389	ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	247681	93.430	ug/L	99
46) Tetrachloroethene	8.21	164	208607	97.089	ug/L	98
48) 2-Hexanone	8.35	43	638889	197.978	ug/L	99
49) Dibromochloromethane	8.46	129	285542	95.486	ug/L	98
50) 1,2-Dibromoethane	8.57	107	276934	96.346	ug/L	99
51) Chlorobenzene	9.10	112	680156	94.882	ug/L	99
52) Ethylbenzene	9.23	91	1174506	100.589	ug/L	99
53) m,p-Xylene	9.36	106	452603	101.762	ug/L	99
54) o-xylene	9.76	106	447408	102.050	ug/L	98
55) Styrene	9.77	104	770824	103.689	ug/L	97
56) Isopropylbenzene	10.15	105	1165651	102.663	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	446201	94.028	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	348233	93.059	ug/L	99
61) Bromoform	9.94	173	225328	93.940	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	565466	93.761	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	569130	92.145	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	568199	94.151	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	109700	94.797	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	448745	96.365	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	406739	103.873	ug/L	100
69) Naphthalene	13.73	128	1227947	107.957	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	410810	98.150	ug/L	100

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

