

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021519\
 Data File : VU029490.D
 Acq On : 15 Feb 2019 11:33
 Operator : JC/SP
 Sample : VSTD10044
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10044

Quant Time: Feb 15 22:31:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 15 22:27:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	431891	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	249681	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	337373	100.29	ug/L	0.00
7) Chloroethane-d5	1.67	69	305675	114.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	649080	109.56	ug/L	0.00
21) 2-Butanone-d5	4.17	46	436211	189.72	ug/L	0.00
24) Chloroform-d	4.64	84	558567	104.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	346069	104.85	ug/L	0.00
32) Benzene-d6	5.34	84	1163956	95.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	351501	86.27	ug/L	0.00
41) Toluene-d8	7.56	98	1221732	108.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	194577	104.13	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	417632	212.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	624700	106.72	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	563347	110.84	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	295670	87.207	ug/L	100
3) Chloromethane	1.32	50	261394	60.417	ug/L	99
5) Vinyl chloride	1.40	62	359204	88.403	ug/L	100
6) Bromomethane	1.61	94	169222	96.848	ug/L	99
8) Chloroethane	1.69	64	244346	103.183	ug/L	100
9) Trichlorofluoromethane	1.88	101	562224	123.750	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	291395	102.220	ug/L	98
12) 1,1-Dichloroethene	2.28	96	278393	99.109	ug/L	91
13) Acetone	2.32	43	370392	156.965	ug/L	100
14) Carbon disulfide	2.47	76	754116	81.837	ug/L	99
15) Methyl Acetate	2.61	43	272164	75.576	ug/L	100
16) Methylene chloride	2.70	84	276323	84.273	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	266291	91.479	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	829333	92.538	ug/L	99
19) 1,1-Dichloroethane	3.44	63	460182	83.130	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	317373	96.095	ug/L	98
22) 2-Butanone	4.26	43	485728	170.414	ug/L	99
23) Bromochloromethane	4.54	128	173172	106.418	ug/L	99
25) Chloroform	4.67	83	511951	94.542	ug/L	100
27) 1,2-Dichloroethane	5.40	62	406018	100.039	ug/L	100
29) Cyclohexane	4.99	56	437980	78.509	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	464374	98.887	ug/L	99
31) Carbon tetrachloride	5.13	117	429550	110.764	ug/L	99
33) Benzene	5.39	78	1143255	84.174	ug/L	100
34) Trichloroethene	6.18	95	313134	93.321	ug/L	99
35) Methylcyclohexane	6.41	83	505918	91.539	ug/L	99
37) 1,2-Dichloropropane	6.43	63	299673	79.644	ug/L	99
38) Bromodichloromethane	6.75	83	413208	96.140	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	509774	92.727	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	878053	172.829	ug/L	100

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42) Toluene	7.63	91	1383277	98.106	ug/L	98
44) trans-1,3-Dichloropropene	7.87	75	484488	98.568	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	321411	95.970	ug/L	98
46) Tetrachloroethene	8.22	164	300040	110.704	ug/L	99
48) 2-Hexanone	8.36	43	772071	184.044	ug/L	99
49) Dibromochloromethane	8.47	129	406178	117.332	ug/L	99
50) 1,2-Dibromoethane	8.58	107	363488	103.457	ug/L	99
51) Chlorobenzene	9.12	112	951744	104.844	ug/L	98
52) Ethylbenzene	9.25	91	1603783	104.504	ug/L	99
53) m,p-Xylene	9.37	106	648821	113.187	ug/L	98
54) o-xylene	9.78	106	651024	112.924	ug/L	98
55) Styrene	9.79	104	1139513	117.028	ug/L	97
56) Isopropylbenzene	10.16	105	1720506	116.778	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	587288	97.310	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	444800	95.962	ug/L	99
61) Bromoform	9.95	173	348352	111.430	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	817425	103.164	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	822009	100.965	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	848709	103.215	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	142298	101.265	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	639459	109.120	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	574353	115.887	ug/L	99
69) Naphthalene	13.74	128	1846811	109.342	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	598750	112.791	ug/L	98

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

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