

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U120718\
 Data File : VU028522.D
 Acq On : 07 Dec 2018 10:10
 Operator : MD/SY
 Sample : VSTD01055
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01055

Quant Time: Dec 11 01:57:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 00:46:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155110	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147295	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69197	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13736	9.48	ug/L	0.00
7) Chloroethane-d5	1.68	69	10233	9.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	24751	9.69	ug/L	0.00
21) 2-Butanone-d5	4.18	46	22109	19.00	ug/L	0.00
24) Chloroform-d	4.65	84	22203	9.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	14552	9.63	ug/L	0.00
32) Benzene-d6	5.34	84	44374	9.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	15695	9.49	ug/L	0.00
41) Toluene-d8	7.57	98	39532	9.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	6670	8.82	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	14875	18.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	20153	9.38	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	13649	9.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	13042	10.095 ug/L	99
3) Chloromethane	1.33	50	19775	9.955 ug/L	99
5) Vinyl chloride	1.40	62	17178	9.991 ug/L	99
6) Bromomethane	1.63	94	5199	10.075 ug/L	98
8) Chloroethane	1.70	64	9858	10.005 ug/L	100
9) Trichlorofluoromethane	1.89	101	18344	10.217 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11171	10.360 ug/L	98
12) 1,1-Dichloroethene	2.29	96	9870	9.659 ug/L	90
13) Acetone	2.32	43	29538	22.711 ug/L	98
14) Carbon disulfide	2.48	76	38620	10.188 ug/L	99
15) Methyl Acetate	2.62	43	18367	10.133 ug/L	98
16) Methylene chloride	2.70	84	13188	9.872 ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	11948	10.084 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	39854	9.985 ug/L	99
19) 1,1-Dichloroethane	3.45	63	24683	9.828 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	13555	10.087 ug/L	99
22) 2-Butanone	4.27	43	31276	20.370 ug/L	100
23) Bromochloromethane	4.55	128	6210	10.349 ug/L	94
25) Chloroform	4.67	83	23425	10.128 ug/L	99
27) 1,2-Dichloroethane	5.40	62	19284	10.087 ug/L	98
29) Cyclohexane	5.00	56	25193	10.335 ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	18380	10.051 ug/L	98
31) Carbon tetrachloride	5.13	117	15512	10.485 ug/L	95
33) Benzene	5.39	78	53312	10.147 ug/L	100
34) Trichloroethene	6.19	95	12857	10.075 ug/L	97
35) Methylcyclohexane	6.42	83	21018	9.769 ug/L	95
37) 1,2-Dichloropropane	6.43	63	15913	10.132 ug/L	# 94
38) Bromodichloromethane	6.76	83	17680	10.236 ug/L	95
39) cis-1,3-Dichloropropene	7.27	75	22676	10.173 ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	47835	20.001 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.64	91	53463	10.016	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	20065	9.759	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	12531	10.181	ug/L	96
46) Tetrachloroethene	8.23	164	9653	10.690	ug/L	90
48) 2-Hexanone	8.36	43	41952	20.730	ug/L	99
49) Dibromochloromethane	8.48	129	12227	9.821	ug/L	98
50) 1,2-Dibromoethane	8.58	107	12930	10.017	ug/L #	96
51) Chlorobenzene	9.12	112	32296	10.044	ug/L	95
52) Ethylbenzene	9.25	91	58348	9.875	ug/L	99
53) m,p-Xylene	9.37	106	20443	9.557	ug/L	96
54) o-xylene	9.78	106	20963	9.980	ug/L	96
55) Styrene	9.79	104	34241	9.601	ug/L	98
56) Isopropylbenzene	10.17	105	53867	9.838	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	22480	9.944	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	18008	10.147	ug/L	98
61) Bromoform	9.96	173	8848	9.992	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	23904	10.122	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	24436	10.225	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	23637	10.017	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	4773	10.274	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	17214	10.037	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	15657	9.733	ug/L	98
69) Naphthalene	13.74	128	50253	9.412	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	15866	9.874	ug/L	98

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

