

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092518\
 Data File : VU027129.D
 Acq On : 25 Sep 2018 13:10
 Operator : MD/SY
 Sample : VSTD00550
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00550

Quant Time: Sep 26 01:45:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 01:42:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	170953	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	6720	4.42	ug/L	0.00
7) Chloroethane-d5	1.68	69	5333	4.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	13595	4.70	ug/L	0.00
21) 2-Butanone-d5	4.19	46	10604	8.57	ug/L	0.00
24) Chloroform-d	4.65	84	10054	4.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	7946	4.59	ug/L	0.00
32) Benzene-d6	5.35	84	20622	4.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	7541	4.47	ug/L	0.00
41) Toluene-d8	7.57	98	17127	4.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	2946	3.91	ug/L	0.00
47) 2-Hexanone-d5	8.32	63	6056	7.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	10155	4.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	6510	4.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	8557	5.125	ug/L 99
3) Chloromethane	1.33	50	11025	5.196	ug/L 98
5) Vinyl chloride	1.40	62	10645	5.345	ug/L 98
6) Bromomethane	1.63	94	4599	5.420	ug/L 96
8) Chloroethane	1.70	64	6063	5.226	ug/L 98
9) Trichlorofluoromethane	1.89	101	10939	5.157	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	6617	5.435	ug/L 97
12) 1,1-Dichloroethene	2.29	96	5925	5.254	ug/L 94
13) Acetone	2.32	43	13120	11.488	ug/L 96
14) Carbon disulfide	2.48	76	22946	5.846	ug/L 98
15) Methyl Acetate	2.62	43	11151	5.374	ug/L 96
16) Methylene chloride	2.70	84	7892	5.447	ug/L 99
17) trans-1,2-Dichloroethene	2.99	96	6592	5.362	ug/L 94
18) Methyl tert-butyl Ether	3.00	73	21342	4.982	ug/L 99
19) 1,1-Dichloroethane	3.45	63	14782	5.232	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	7235	5.229	ug/L 99
22) 2-Butanone	4.27	43	15178	10.188	ug/L 96
23) Bromochloromethane	4.56	128	3583	5.507	ug/L 87
25) Chloroform	4.68	83	14086	5.316	ug/L 98
27) 1,2-Dichloroethane	5.41	62	11613	5.282	ug/L 99
29) Cyclohexane	5.00	56	11334	4.820	ug/L 97
30) 1,1,1-Trichloroethane	4.92	97	10631	5.310	ug/L 98
31) Carbon tetrachloride	5.14	117	8774	5.173	ug/L 98
33) Benzene	5.39	78	27711	5.163	ug/L 100
34) Trichloroethene	6.19	95	6928	5.533	ug/L 93
35) Methylcyclohexane	6.42	83	10277	4.869	ug/L 100
37) 1,2-Dichloropropane	6.44	63	8853	5.379	ug/L # 97
38) Bromodichloromethane	6.76	83	9818	5.252	ug/L # 97
39) cis-1,3-Dichloropropene	7.27	75	10134	4.576	ug/L 91
40) 4-Methyl-2-pentanone	7.46	43	21801	9.029	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	25716	4.858	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	10460	4.887	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	6774	5.195	ug/L	97
46) Tetrachloroethene	8.23	164	4630	5.156	ug/L	96
48) 2-Hexanone	8.37	43	18935	9.611	ug/L	96
49) Dibromochloromethane	8.48	129	6553	4.925	ug/L	95
50) 1,2-Dibromoethane	8.59	107	7026	5.247	ug/L #	93
51) Chlorobenzene	9.12	112	18028	5.384	ug/L	98
52) Ethylbenzene	9.25	91	27877	4.823	ug/L	98
53) m,p-Xylene	9.38	106	9496	4.614	ug/L	94
54) o-xylene	9.78	106	8905	4.417	ug/L	93
55) Styrene	9.80	104	15047	4.353	ug/L	95
56) Isopropylbenzene	10.17	105	23077	4.385	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	12562	5.283	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	10254	5.337	ug/L	99
61) Bromoform	9.96	173	4550	5.482	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	10807	5.378	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	12021	5.639	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	12032	5.544	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	2363	5.366	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	7615	5.192	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	6128	4.911	ug/L	98
69) Naphthalene	13.75	128	18900	4.461	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	7129	5.200	ug/L	99

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

