

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025530.D
 Acq On : 20 Jul 2018 10:05
 Operator : MD/SY
 Sample : VSTD05055
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05055

Quant Time: Jul 21 00:56:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 00:55:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	344429	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	321494	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	167032	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	96393	57.12	ug/L	0.00
7) Chloroethane-d5	1.68	69	78113	54.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	203295	55.14	ug/L	0.00
21) 2-Butanone-d5	4.18	46	155048	92.32	ug/L	0.00
24) Chloroform-d	4.65	84	220413	51.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	143101	49.93	ug/L	0.00
32) Benzene-d6	5.35	84	411981	52.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	130178	50.51	ug/L	0.00
41) Toluene-d8	7.57	98	400890	52.59	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	68932	51.26	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	114372	88.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	186509	49.05	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	169456	50.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	163110	55.11	ug/L	100
3) Chloromethane	1.33	50	116412	46.65	ug/L	100
5) Vinyl chloride	1.41	62	130337	51.07	ug/L	100
6) Bromomethane	1.63	94	45632	35.54	ug/L	100
8) Chloroethane	1.70	64	76986	50.32	ug/L	100
9) Trichlorofluoromethane	1.89	101	182727	48.90	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	107626	51.56	ug/L	100
12) 1,1-Dichloroethene	2.29	96	95155	50.39	ug/L	100
13) Acetone	2.32	43	170118	107.41	ug/L	100
14) Carbon disulfide	2.48	76	305640	49.97	ug/L	100
15) Methyl Acetate	2.62	43	121418	44.57	ug/L	100
16) Methylene chloride	2.71	84	116960	48.06	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	106618	48.33	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	356995	46.50	ug/L	100
19) 1,1-Dichloroethane	3.45	63	207149	47.35	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	123161	46.09	ug/L	100
22) 2-Butanone	4.26	43	194372	94.52	ug/L	100
23) Bromochloromethane	4.55	128	65691	48.88	ug/L	100
25) Chloroform	4.68	83	217942	47.47	ug/L	100
27) 1,2-Dichloroethane	5.41	62	180493	47.35	ug/L	100
29) Cyclohexane	5.00	56	184312	49.38	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	197433	46.69	ug/L	100
31) Carbon tetrachloride	5.14	117	180566	48.37	ug/L	100
33) Benzene	5.39	78	455093	48.10	ug/L	100
34) Trichloroethene	6.19	95	118802	47.39	ug/L	100
35) Methylcyclohexane	6.42	83	194061	49.44	ug/L	100
37) 1,2-Dichloropropane	6.44	63	124405	47.92	ug/L	100
38) Bromodichloromethane	6.76	83	162145	46.53	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	199104	49.44	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	333960	89.85	ug/L	100

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42) Toluene	7.64	91	496192	48.93	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	182738	47.40	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	117994	47.83	ug/L	100
46) Tetrachloroethene	8.23	164	105444	49.28	ug/L	100
48) 2-Hexanone	8.36	43	277766	92.81	ug/L	100
49) Dibromochloromethane	8.48	129	142319	47.80	ug/L	100
50) 1,2-Dibromoethane	8.59	107	127891	47.18	ug/L	100
51) Chlorobenzene	9.12	112	326640	48.07	ug/L	100
52) Ethylbenzene	9.25	91	548056	48.38	ug/L	100
53) m,p-Xylene	9.38	106	211814	48.64	ug/L	100
54) o-xylene	9.78	106	212455	48.55	ug/L	100
55) Styrene	9.80	104	353906	49.00	ug/L	100
56) Isopropylbenzene	10.17	105	553666	48.68	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	192434	45.60	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	144975	42.72	ug/L	100
61) Bromoform	9.96	173	104730	45.79	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	258886	46.96	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	265045	47.42	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	274223	47.24	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	43373	41.55	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	202777	47.19	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	174314	46.00	ug/L	100
69) Naphthalene	13.74	128	539857	42.72	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	183518	45.49	ug/L	100

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

