

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081518\
 Data File : VU026132.D
 Acq On : 15 Aug 2018 08:48
 Operator : MD/SY
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05062

Quant Time: Aug 16 02:01:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:00:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	308667	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	299126	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151023	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88280	48.71	ug/L	0.00
7) Chloroethane-d5	1.68	69	73746	49.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	176305	49.54	ug/L	0.00
21) 2-Butanone-d5	4.18	46	141778	101.95	ug/L	0.00
24) Chloroform-d	4.65	84	200960	49.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	133602	50.28	ug/L	0.00
32) Benzene-d6	5.35	84	391250	50.73	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	124752	49.20	ug/L	0.00
41) Toluene-d8	7.57	98	377404	51.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	61164	50.95	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	108577	104.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	177454	49.73	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	155763	49.56	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	121436	49.69	ug/L	100
3) Chloromethane	1.33	50	108964	48.96	ug/L	100
5) Vinyl chloride	1.40	62	110582	49.76	ug/L	100
6) Bromomethane	1.62	94	58136	50.77	ug/L	100
8) Chloroethane	1.70	64	66392	49.90	ug/L	100
9) Trichlorofluoromethane	1.89	101	162420	49.50	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	88253	49.65	ug/L	100
12) 1,1-Dichloroethene	2.28	96	79743	48.88	ug/L	100
13) Acetone	2.32	43	126667	99.52	ug/L	100
14) Carbon disulfide	2.48	76	278313	49.20	ug/L	100
15) Methyl Acetate	2.62	43	111005	50.28	ug/L	100
16) Methylene chloride	2.70	84	106734	48.84	ug/L	100
17) trans-1,2-Dichloroethene	2.99	96	96233	49.73	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	309019	50.31	ug/L	100
19) 1,1-Dichloroethane	3.45	63	187272	50.27	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	110563	50.96	ug/L	100
22) 2-Butanone	4.26	43	162125	102.25	ug/L	100
23) Bromochloromethane	4.55	128	60671	51.73	ug/L	100
25) Chloroform	4.68	83	196305	50.19	ug/L	100
27) 1,2-Dichloroethane	5.41	62	160820	50.86	ug/L	100
29) Cyclohexane	5.00	56	152818	51.13	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	176486	49.38	ug/L	100
31) Carbon tetrachloride	5.14	117	161223	49.79	ug/L	100
33) Benzene	5.39	78	408025	50.38	ug/L	100
34) Trichloroethene	6.19	95	105707	50.10	ug/L	100
35) Methylcyclohexane	6.42	83	162234	51.22	ug/L	100
37) 1,2-Dichloropropane	6.44	63	113898	50.35	ug/L	100
38) Bromodichloromethane	6.76	83	150232	50.16	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	170955	50.91	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	285842	101.86	ug/L	100

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42) Toluene	7.64	91	441595	51.34	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	165228	51.07	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	108526	50.60	ug/L	100
46) Tetrachloroethene	8.23	164	90236	49.59	ug/L	100
48) 2-Hexanone	8.36	43	228793	104.06	ug/L	100
49) Dibromochloromethane	8.48	129	129353	50.08	ug/L	100
50) 1,2-Dibromoethane	8.59	107	112797	50.65	ug/L	100
51) Chlorobenzene	9.12	112	292595	49.77	ug/L	100
52) Ethylbenzene	9.25	91	482725	51.52	ug/L	100
53) m,p-Xylene	9.38	106	189215	52.40	ug/L	100
54) o-xylene	9.78	106	186359	51.72	ug/L	100
55) Styrene	9.80	104	319125	53.20	ug/L	100
56) Isopropylbenzene	10.17	105	482283	52.14	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	178561	49.85	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	139846	50.18	ug/L	100
61) Bromoform	9.96	173	97179	49.22	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	228902	50.58	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	230253	49.33	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	243772	50.40	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	39028	50.89	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	170485	51.01	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	135049	53.34	ug/L	100
69) Naphthalene	13.74	128	411949	57.17	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	147127	54.19	ug/L	100

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

