

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025415.D
 Acq On : 16 Jul 2018 10:24
 Operator : MD/SY
 Sample : VSTD01052
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01052

Quant Time: Jul 17 02:04:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	358717	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	335323	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	157783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	19162	9.21	ug/L	0.00
7) Chloroethane-d5	1.68	69	16261	9.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	41315	9.07	ug/L	0.00
21) 2-Butanone-d5	4.18	46	38749	21.36	ug/L	0.00
24) Chloroform-d	4.65	84	44193	9.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	31279	9.77	ug/L	0.00
32) Benzene-d6	5.35	84	84145	9.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	27341	9.46	ug/L	0.00
41) Toluene-d8	7.57	98	81622	9.23	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	13843	9.56	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	27119	19.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	39843	9.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	33691	9.91	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31314	9.76	ug/L	99
3) Chloromethane	1.33	50	35075	12.67	ug/L	96
5) Vinyl chloride	1.40	62	27270	9.94	ug/L	98
6) Bromomethane	1.63	94	7645	5.74	ug/L	93
8) Chloroethane	1.70	64	16678	10.08	ug/L	99
9) Trichlorofluoromethane	1.89	101	37712	9.51	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	23256	9.79	ug/L	95
12) 1,1-Dichloroethene	2.28	96	20747	9.61	ug/L	98
13) Acetone	2.32	43	43538	23.33	ug/L	99
14) Carbon disulfide	2.48	76	65316	9.95	ug/L	100
15) Methyl Acetate	2.62	43	31702	11.12	ug/L	97
16) Methylene chloride	2.70	84	27581	10.69	ug/L	96
17) trans-1,2-Dichloroethene	2.99	96	23445	9.95	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	82753	10.09	ug/L	99
19) 1,1-Dichloroethane	3.45	63	46060	10.25	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	27318	10.03	ug/L	98
22) 2-Butanone	4.26	43	50664	22.84	ug/L	97
23) Bromochloromethane	4.55	128	13128	9.49	ug/L	99
25) Chloroform	4.68	83	48109	10.02	ug/L	98
27) 1,2-Dichloroethane	5.41	62	39676	9.95	ug/L	97
29) Cyclohexane	5.00	56	39323	9.26	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	43830	9.91	ug/L	99
31) Carbon tetrachloride	5.14	117	38029	9.85	ug/L	100
33) Benzene	5.39	78	97888	9.74	ug/L	100
34) Trichloroethene	6.19	95	25986	9.76	ug/L	97
35) Methylcyclohexane	6.42	83	41446	9.36	ug/L	100
37) 1,2-Dichloropropane	6.44	63	27337	10.15	ug/L	100
38) Bromodichloromethane	6.76	83	33260	9.37	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	39697	9.38	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	81975	20.81	ug/L	98

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42) Toluene	7.64	91	104840	9.62	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	36143	9.21	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	26379	10.29	ug/L	98
46) Tetrachloroethene	8.23	164	21595	9.60	ug/L	93
48) 2-Hexanone	8.36	43	72951	23.00	ug/L	98
49) Dibromochloromethane	8.48	129	25404	8.56	ug/L	95
50) 1,2-Dibromoethane	8.59	107	27949	9.80	ug/L	97
51) Chlorobenzene	9.12	112	69806	9.58	ug/L	96
52) Ethylbenzene	9.25	91	117106	9.57	ug/L	99
53) m,p-Xylene	9.38	106	43863	9.26	ug/L	95
54) o-xylene	9.78	106	45186	9.52	ug/L	99
55) Styrene	9.80	104	71793	9.23	ug/L	98
56) Isopropylbenzene	10.17	105	113803	9.14	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	44652	10.30	ug/L	94
59) 1,2,3-Trichloropropane	10.50	75	36837	10.43	ug/L	96
61) Bromoform	9.96	173	17460	8.71	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	51982	9.93	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	52343	9.96	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	56436	10.23	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	9507	10.28	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	38475	9.89	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	32164	9.87	ug/L	99
69) Naphthalene	13.75	128	115083	10.45	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	34856	9.90	ug/L	98

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

