

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025414.D
 Acq On : 16 Jul 2018 10:00
 Operator : MD/SY
 Sample : VSTD00551
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00551

Quant Time: Jul 17 02:04:39 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	354302	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	328954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	156459	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	10286	5.01	ug/L	0.00
7) Chloroethane-d5	1.68	69	8603	5.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	21830	4.85	ug/L	0.00
21) 2-Butanone-d5	4.18	46	17739	9.90	ug/L	0.00
24) Chloroform-d	4.65	84	23883	5.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	16998	5.38	ug/L	0.00
32) Benzene-d6	5.35	84	43563	4.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	13646	4.81	ug/L	0.00
41) Toluene-d8	7.57	98	42190	4.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	6572	4.62	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	13847	10.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	20595	5.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	16730	4.96	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	18122	5.72	ug/L	100
3) Chloromethane	1.33	50	20795	7.61	ug/L	100
5) Vinyl chloride	1.40	62	16069	5.93	ug/L	96
6) Bromomethane	1.63	94	4712	3.59	ug/L	95
8) Chloroethane	1.70	64	9612	5.88	ug/L	96
9) Trichlorofluoromethane	1.89	101	22371	5.71	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	13726	5.85	ug/L	99
12) 1,1-Dichloroethene	2.28	96	12235	5.74	ug/L	90
13) Acetone	2.32	43	27711	15.03	ug/L	98
14) Carbon disulfide	2.48	76	38460	5.93	ug/L	98
15) Methyl Acetate	2.62	43	16567	5.88	ug/L	98
16) Methylene chloride	2.70	84	15937	6.25	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	13124	5.64	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	46429	5.73	ug/L	98
19) 1,1-Dichloroethane	3.45	63	25240	5.68	ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	15909	5.91	ug/L	95
22) 2-Butanone	4.27	43	28120	12.83	ug/L	98
23) Bromochloromethane	4.56	128	6804	4.98	ug/L	92
25) Chloroform	4.68	83	27277	5.75	ug/L	100
27) 1,2-Dichloroethane	5.41	62	22945	5.83	ug/L	# 95
29) Cyclohexane	5.00	56	22427	5.39	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	25101	5.78	ug/L	100
31) Carbon tetrachloride	5.13	117	21484	5.67	ug/L	96
33) Benzene	5.39	78	55480	5.63	ug/L	100
34) Trichloroethene	6.19	95	15585	5.97	ug/L	93
35) Methylcyclohexane	6.42	83	24233	5.58	ug/L	97
37) 1,2-Dichloropropane	6.44	63	15335	5.81	ug/L	# 97
38) Bromodichloromethane	6.76	83	19633	5.64	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	21878	5.27	ug/L	96
40) 4-Methyl-2-pentanone	7.46	43	46270	11.97	ug/L	96

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42) Toluene	7.64	91	57818	5.41	ug/L	98
44) trans-1,3-Dichloropropene	7.89	75	20138	5.23	ug/L	91
45) 1,1,2-Trichloroethane	8.07	97	14295	5.68	ug/L	96
46) Tetrachloroethene	8.23	164	11799	5.34	ug/L	97
48) 2-Hexanone	8.36	43	40818	13.12	ug/L	98
49) Dibromochloromethane	8.48	129	14292	4.91	ug/L	100
50) 1,2-Dibromoethane	8.59	107	15175	5.43	ug/L	97
51) Chlorobenzene	9.12	112	41653	5.83	ug/L	98
52) Ethylbenzene	9.25	91	66111	5.51	ug/L	98
53) m,p-Xylene	9.38	106	24884	5.36	ug/L	96
54) o-xylene	9.78	106	25682	5.51	ug/L	98
55) Styrene	9.80	104	39874	5.23	ug/L	97
56) Isopropylbenzene	10.17	105	65567	5.37	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	25244	5.93	ug/L	96
59) 1,2,3-Trichloropropane	10.50	75	21627	6.24	ug/L	100
61) Bromoform	9.96	173	9591	4.82	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	30015	5.78	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	30633	5.88	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	31931	5.84	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	5175	5.64	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	21806	5.66	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	18846	5.83	ug/L	98
69) Naphthalene	13.75	128	63304	5.80	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	20699	5.93	ug/L	95

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

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