

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062918\
 Data File : VU025062.D
 Acq On : 29 Jun 2018 10:57
 Operator : MD/SY
 Sample : VSTD01041
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01041

Quant Time: Jun 29 23:18:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 29 23:18:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	369192	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	329452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	156965	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	21029	9.84	ug/L	0.00
7) Chloroethane-d5	1.68	69	18010	10.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	46763	10.79	ug/L	0.00
21) 2-Butanone-d5	4.18	46	33966	18.75	ug/L	0.00
24) Chloroform-d	4.65	84	44195	10.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	31939	11.41	ug/L	0.00
32) Benzene-d6	5.35	84	87606	10.71	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	28731	10.64	ug/L	0.00
41) Toluene-d8	7.57	98	85161	10.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	13867	10.10	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	24075	17.67	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	37686	9.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	32875	10.58	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	34988	11.47	ug/L	98
3) Chloromethane	1.33	50	28670	10.68	ug/L	98
5) Vinyl chloride	1.40	62	28426	9.91	ug/L	99
6) Bromomethane	1.63	94	15624	11.18	ug/L	98
8) Chloroethane	1.70	64	17685	10.41	ug/L	97
9) Trichlorofluoromethane	1.89	101	43280	10.23	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	25630	10.65	ug/L	99
12) 1,1-Dichloroethene	2.29	96	23071	10.46	ug/L	90
13) Acetone	2.32	43	39897	20.83	ug/L	99
14) Carbon disulfide	2.48	76	68192	9.62	ug/L	96
15) Methyl Acetate	2.62	43	29786	10.21	ug/L	99
16) Methylene chloride	2.71	84	27036	10.04	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	24829	10.05	ug/L	96
18) Methyl tert-butyl Ether	3.00	73	87339	10.68	ug/L	100
19) 1,1-Dichloroethane	3.45	63	46725	10.17	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	28003	9.71	ug/L	99
22) 2-Butanone	4.27	43	45444	18.85	ug/L	99
23) Bromochloromethane	4.55	128	14742	10.18	ug/L	98
25) Chloroform	4.68	83	51122	10.70	ug/L	98
27) 1,2-Dichloroethane	5.41	62	42783	11.45	ug/L	99
29) Cyclohexane	5.00	56	44097	10.76	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	44875	11.00	ug/L	100
31) Carbon tetrachloride	5.14	117	38046	10.26	ug/L	99
33) Benzene	5.39	78	102886	10.57	ug/L	100
34) Trichloroethene	6.19	95	27287	10.19	ug/L	98
35) Methylcyclohexane	6.42	83	44080	10.23	ug/L	99
37) 1,2-Dichloropropane	6.44	63	27238	10.11	ug/L	# 95
38) Bromodichloromethane	6.76	83	35450	9.98	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	41548	9.75	ug/L	96
40) 4-Methyl-2-pentanone	7.46	43	78286	19.64	ug/L	98

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42) Toluene	7.64	91	109620	10.14	ug/L	100
44) trans-1,3-Dichloropropene	7.89	75	38229	9.88	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	25672	10.09	ug/L	96
46) Tetrachloroethene	8.23	164	22086	9.82	ug/L	96
48) 2-Hexanone	8.36	43	59471	18.46	ug/L	97
49) Dibromochloromethane	8.48	129	28911	9.38	ug/L	94
50) 1,2-Dibromoethane	8.59	107	28831	10.35	ug/L	97
51) Chlorobenzene	9.12	112	72320	10.03	ug/L	99
52) Ethylbenzene	9.25	91	119819	9.69	ug/L	99
53) m,p-Xylene	9.38	106	46342	9.74	ug/L	95
54) o-xylene	9.78	106	46879	9.94	ug/L	99
55) Styrene	9.80	104	72882	9.19	ug/L	93
56) Isopropylbenzene	10.17	105	121033	9.74	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	41869	9.61	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	33824	9.82	ug/L	99
61) Bromoform	9.96	173	20450	9.03	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	53063	10.04	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	53429	10.07	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	57237	10.67	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	9138	9.78	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	36849	8.92	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	29460	8.64	ug/L	98
69) Naphthalene	13.75	128	100541	10.24	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	32112	9.18	ug/L	98

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

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