

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025531.D
 Acq On : 20 Jul 2018 10:28
 Operator : MD/SY
 Sample : VSTD10056
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10056

Quant Time: Jul 21 00:56:46 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	351068	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	337251	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	182413	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	201476	117.13	ug/L	0.00
7) Chloroethane-d5	1.68	69	159368	109.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	405404	107.87	ug/L	0.00
21) 2-Butanone-d5	4.18	46	312671	182.66	ug/L	0.00
24) Chloroform-d	4.65	84	440387	101.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	286835	98.18	ug/L	0.00
32) Benzene-d6	5.35	84	848608	103.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	269382	99.63	ug/L	0.00
41) Toluene-d8	7.57	98	825158	103.19	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	141955	100.62	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	244522	180.46	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	387130	97.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	360536	98.34	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	319003	105.74	ug/L	100
3) Chloromethane	1.33	50	236062	92.81	ug/L	100
5) Vinyl chloride	1.41	62	255677	98.29	ug/L	99
6) Bromomethane	1.62	94	106209	81.16	ug/L	98
8) Chloroethane	1.70	64	151307	97.02	ug/L	97
9) Trichlorofluoromethane	1.89	101	365186	95.88	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	205919	96.79	ug/L	98
12) 1,1-Dichloroethene	2.29	96	187872	97.61	ug/L	95
13) Acetone	2.32	43	308291	190.96	ug/L	99
14) Carbon disulfide	2.48	76	616261	98.85	ug/L	100
15) Methyl Acetate	2.62	43	231920	83.53	ug/L	100
16) Methylene chloride	2.71	84	229985	92.72	ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	210562	93.64	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	708590	90.56	ug/L	100
19) 1,1-Dichloroethane	3.45	63	402969	90.37	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	242998	89.22	ug/L	96
22) 2-Butanone	4.26	43	367337	175.25	ug/L	99
23) Bromochloromethane	4.55	128	130780	95.48	ug/L	98
25) Chloroform	4.68	83	425822	91.00	ug/L	98
27) 1,2-Dichloroethane	5.41	62	345760	88.99	ug/L	98
29) Cyclohexane	5.00	56	366683	93.65	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	392134	88.40	ug/L	99
31) Carbon tetrachloride	5.14	117	356493	91.04	ug/L	98
33) Benzene	5.39	78	898637	90.55	ug/L	100
34) Trichloroethene	6.19	95	237402	90.28	ug/L	96
35) Methylcyclohexane	6.42	83	397194	96.47	ug/L	98
37) 1,2-Dichloropropane	6.44	63	245129	90.02	ug/L	100
38) Bromodichloromethane	6.76	83	329468	90.14	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	397242	94.03	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	661950	169.76	ug/L	99

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42) Toluene	7.64	91	994813	93.51	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	379150	93.75	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	232243	89.75	ug/L	99
46) Tetrachloroethene	8.23	164	209867	93.50	ug/L	99
48) 2-Hexanone	8.36	43	552370	175.94	ug/L	99
49) Dibromochloromethane	8.48	129	291407	93.30	ug/L	99
50) 1,2-Dibromoethane	8.59	107	254972	89.67	ug/L	98
51) Chlorobenzene	9.12	112	662378	92.93	ug/L	99
52) Ethylbenzene	9.25	91	1121669	94.40	ug/L	100
53) m,p-Xylene	9.38	106	437070	95.68	ug/L	99
54) o-xylene	9.78	106	433330	94.40	ug/L	97
55) Styrene	9.80	104	730825	96.47	ug/L	100
56) Isopropylbenzene	10.17	105	1141367	95.67	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	384527	86.86	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	290634	81.64	ug/L	99
61) Bromoform	9.96	173	222354	89.03	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	543132	90.22	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	556098	91.10	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	563397	88.87	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	88393	77.53	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	433184	92.31	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	376967	91.10	ug/L	98
69) Naphthalene	13.74	128	1164410	84.37	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	393072	89.21	ug/L	100

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

