

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025529.D
 Acq On : 20 Jul 2018 09:42
 Operator : MD/SY
 Sample : VSTD01054
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01054

Quant Time: Jul 21 00:56:17 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	320579	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	293851	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	141086	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	18044	11.49	ug/L	0.00
7) Chloroethane-d5	1.69	69	15379	11.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	38145	11.12	ug/L	0.00
21) 2-Butanone-d5	4.18	46	28535	18.26	ug/L	0.00
24) Chloroform-d	4.65	84	40502	10.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	27526	10.32	ug/L	0.00
32) Benzene-d6	5.35	84	76872	10.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	25088	10.65	ug/L	0.00
41) Toluene-d8	7.57	98	69538	9.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	11869	9.66	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	19114	16.19	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	33100	9.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	28837	10.17	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	33841	12.28	ug/L	99
3) Chloromethane	1.33	50	24362	10.49	ug/L	96
5) Vinyl chloride	1.41	62	26158	11.01	ug/L	100
6) Bromomethane	1.63	94	7546	6.31	ug/L	90
8) Chloroethane	1.71	64	15843	11.12	ug/L	100
9) Trichlorofluoromethane	1.89	101	38337	11.02	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	20751	10.68	ug/L	98
12) 1,1-Dichloroethene	2.29	96	18806	10.70	ug/L	95
13) Acetone	2.32	43	37198	25.23	ug/L	98
14) Carbon disulfide	2.48	76	60372	10.61	ug/L	99
15) Methyl Acetate	2.62	43	23818	9.39	ug/L	99
16) Methylene chloride	2.71	84	24099	10.64	ug/L	93
17) trans-1,2-Dichloroethene	2.99	96	22122	10.77	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	70282	9.84	ug/L	98
19) 1,1-Dichloroethane	3.45	63	42316	10.39	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	24343	9.79	ug/L	87
22) 2-Butanone	4.27	43	40385	21.10	ug/L	94
23) Bromochloromethane	4.55	128	12707	10.16	ug/L	99
25) Chloroform	4.68	83	44075	10.32	ug/L	95
27) 1,2-Dichloroethane	5.41	62	36575	10.31	ug/L	97
29) Cyclohexane	5.00	56	34193	10.02	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	40213	10.40	ug/L	98
31) Carbon tetrachloride	5.14	117	35530	10.41	ug/L	98
33) Benzene	5.39	78	88487	10.23	ug/L	100
34) Trichloroethene	6.19	95	23506	10.26	ug/L	97
35) Methylcyclohexane	6.42	83	36994	10.31	ug/L	97
37) 1,2-Dichloropropane	6.44	63	24448	10.30	ug/L	98
38) Bromodichloromethane	6.76	83	32258	10.13	ug/L	88
39) cis-1,3-Dichloropropene	7.27	75	35106	9.54	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	62726	18.46	ug/L	99

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42) Toluene	7.64	91	93315	10.07	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	33415	9.48	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	23450	10.40	ug/L	97
46) Tetrachloroethene	8.23	164	20262	10.36	ug/L	98
48) 2-Hexanone	8.36	43	52583	19.22	ug/L	98
49) Dibromochloromethane	8.48	129	25632	9.42	ug/L	94
50) 1,2-Dibromoethane	8.59	107	25147	10.15	ug/L	98
51) Chlorobenzene	9.12	112	63112	10.16	ug/L	99
52) Ethylbenzene	9.25	91	100204	9.68	ug/L	99
53) m,p-Xylene	9.38	106	37679	9.47	ug/L	95
54) o-xylene	9.78	106	38536	9.64	ug/L	98
55) Styrene	9.80	104	60625	9.18	ug/L	95
56) Isopropylbenzene	10.17	105	99285	9.55	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	36807	9.54	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	28588	9.22	ug/L	99
61) Bromoform	9.96	173	19434	10.06	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	46355	9.96	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	46016	9.75	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	49434	10.08	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	7490	8.49	ug/L	94
67) 1,3,5-Trichlorobenzene	12.89	180	34161	9.41	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	27848	8.70	ug/L	100
69) Naphthalene	13.75	128	82302	7.71	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	30258	8.88	ug/L	98

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

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