

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050819\
 Data File : VU031817.D
 Acq On : 08 May 2019 11:48
 Operator : JC/SP
 Sample : VSTD02009
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02009

Quant Time: May 09 01:26:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 09 01:21:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	367038	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182014	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	472171	16.60	ug/L	0.00
7) Chloroethane-d5	1.66	69	367674	16.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	991163	18.10	ug/L	0.00
20) 2-Butanone-d5	4.19	46	2057006	251.42	ug/L	0.00
24) Chloroform-d	4.64	84	1045657	21.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	583027	22.40	ug/L	0.00
32) Benzene-d6	5.33	84	1917036	19.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	679947	20.73	ug/L	0.00
41) Toluene-d8	7.56	98	1683125	19.20	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	259660	20.31	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	1528313	244.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	565263	21.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	589776	18.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	784657	23.511 ug/L	97
3) Chloromethane	1.32	50	918362	22.712 ug/L	99
5) Vinyl chloride	1.40	62	785388	20.210 ug/L	97
6) Bromomethane	1.60	94	393276	20.073 ug/L	97
8) Chloroethane	1.68	64	411651	18.794 ug/L	99
9) Trichlorofluoromethane	1.87	101	934585	20.700 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	480699	18.872 ug/L	98
12) 1,1-Dichloroethene	2.28	96	454384	17.945 ug/L	94
13) Acetone	2.32	43	1169174	203.759 ug/L	97
14) Carbon disulfide	2.47	76	1583422	18.771 ug/L	99
15) Methyl Acetate	2.61	43	296793	19.025 ug/L	99
16) Methylene chloride	2.69	84	532082	18.209 ug/L	98
17) Methyl tert-butyl Ether	3.00	73	1367021	19.067 ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	486189	18.361 ug/L	92
19) 1,1-Dichloroethane	3.43	63	1237211	22.879 ug/L	99
21) 2-Butanone	4.27	43	2253684	252.725 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	621741	21.828 ug/L	97
23) Bromochloromethane	4.54	128	235819	19.541 ug/L	98
25) Chloroform	4.67	83	1153848	22.926 ug/L	99
27) 1,2-Dichloroethane	5.40	62	811086	24.336 ug/L	98
29) 1,1,1-Trichloroethane	4.90	97	961084	21.994 ug/L	99
30) Cyclohexane	4.98	56	1191748	23.119 ug/L	99
31) Carbon tetrachloride	5.12	117	815436	21.866 ug/L	100
33) Benzene	5.38	78	2522010	21.513 ug/L	100
34) Trichloroethene	6.18	95	619832	20.364 ug/L	97
35) Methylcyclohexane	6.41	83	1033740	23.038 ug/L	97
37) 1,2-Dichloropropane	6.43	63	718129	22.452 ug/L	100
38) Bromodichloromethane	6.75	83	842891	22.664 ug/L	94
39) cis-1,3-Dichloropropene	7.26	75	994167	23.094 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	5482088	252.427 ug/L	99

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42) Toluene	7.63	91	2665501	22.547	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	800497	23.846	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	423973	20.511	ug/L	98
47) Tetrachloroethene	8.22	164	410483	19.804	ug/L	96
48) 2-Hexanone	8.36	43	4019588	262.761	ug/L	99
49) Dibromochloromethane	8.47	129	492768	20.969	ug/L	98
50) 1,2-Dibromoethane	8.58	107	404783	20.490	ug/L	97
51) Chlorobenzene	9.11	112	1524602	21.706	ug/L	98
52) Ethylbenzene	9.24	91	2943993	23.755	ug/L	100
53) m,p-Xylene	9.37	106	1054884	23.772	ug/L	96
54) o-Xylene	9.77	106	1023603	23.631	ug/L	97
55) Styrene	9.79	104	1821161	25.238	ug/L	99
56) Isopropylbenzene	10.16	105	2768544	24.164	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	588443	22.038	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	437387	22.364	ug/L	98
61) Bromoform	9.95	173	274057	19.400	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	1136840	21.024	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1165786	20.678	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	1110328	20.657	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	102458	22.605	ug/L	88
67) 1,3,5-Trichlorobenzene	12.88	180	894787	21.657	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	725148	22.498	ug/L	97
69) Naphthalene	13.74	128	1426943	23.476	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	689972	21.852	ug/L	98

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

