

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052219\
 Data File : VU032220.D
 Acq On : 22 May 2019 14:11
 Operator : JC/SP
 Sample : VSTD02011
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02011

Quant Time: May 23 01:08:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 23 01:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	409934	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	404098	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	203648	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	446878	13.89	ug/L	0.00
7) Chloroethane-d5	1.68	69	404572	14.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	824816	15.72	ug/L	0.00
20) 2-Butanone-d5	4.20	46	1382107	206.72	ug/L	0.00
24) Chloroform-d	4.64	84	1168034	19.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	615895	19.49	ug/L	0.00
32) Benzene-d6	5.33	84	2371289	19.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	767834	21.21	ug/L	0.00
41) Toluene-d8	7.56	98	2442806	22.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	325571	24.33	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	1339175	231.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	771266	24.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	1115485	24.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	343201	17.252	ug/L 98
3) Chloromethane	1.32	50	315801	16.340	ug/L 98
5) Vinyl chloride	1.40	62	345140	17.009	ug/L 99
6) Bromomethane	1.63	94	212518	17.985	ug/L 96
8) Chloroethane	1.69	64	183607	14.583	ug/L 98
9) Trichlorofluoromethane	1.88	101	447996	17.893	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	283621	17.230	ug/L 98
12) 1,1-Dichloroethene	2.28	96	283112	17.557	ug/L 94
13) Acetone	2.34	43	371259	169.391	ug/L 98
14) Carbon disulfide	2.47	76	860977	16.743	ug/L 98
15) Methyl Acetate	2.62	43	97780	15.670	ug/L 91
16) Methylene chloride	2.69	84	293665	15.251	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	648781	17.147	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	299511	17.440	ug/L 95
19) 1,1-Dichloroethane	3.43	63	481649	17.576	ug/L 96
21) 2-Butanone	4.28	43	636423	201.542	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	313154	18.424	ug/L 99
23) Bromochloromethane	4.54	128	133091	17.964	ug/L 96
25) Chloroform	4.67	83	505978	17.230	ug/L 89
27) 1,2-Dichloroethane	5.40	62	304856	18.052	ug/L 99
29) 1,1,1-Trichloroethane	4.91	97	415461	17.845	ug/L 98
30) Cyclohexane	4.98	56	430962	20.157	ug/L 99
31) Carbon tetrachloride	5.13	117	369754	18.656	ug/L 100
33) Benzene	5.38	78	1161280	19.085	ug/L 100
34) Trichloroethene	6.18	95	295104	17.947	ug/L 96
35) Methylcyclohexane	6.41	83	479334	20.107	ug/L 98
37) 1,2-Dichloropropane	6.43	63	273307	18.409	ug/L 99
38) Bromodichloromethane	6.75	83	351488	18.475	ug/L 97
39) cis-1,3-Dichloropropene	7.26	75	414256	20.075	ug/L 98
40) 4-Methyl-2-pentanone	7.46	43	1492165	213.886	ug/L 98

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42) Toluene	7.63	91	1260687	19.653	ug/L	95
44) trans-1,3-Dichloropropene	7.87	75	339899	21.186	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	209931	19.105	ug/L	97
47) Tetrachloroethene	8.22	164	248673	19.938	ug/L	95
48) 2-Hexanone	8.36	43	1151954	213.969	ug/L	98
49) Dibromochloromethane	8.47	129	241729	18.906	ug/L	96
50) 1,2-Dibromoethane	8.58	107	200458	19.050	ug/L #	99
51) Chlorobenzene	9.11	112	768128	18.919	ug/L	100
52) Ethylbenzene	9.24	91	1318915	20.569	ug/L	97
53) m,p-Xylene	9.37	106	515247	21.097	ug/L	99
54) o-Xylene	9.77	106	512097	21.835	ug/L	99
55) Styrene	9.79	104	900081	22.677	ug/L	99
56) Isopropylbenzene	10.16	105	1303184	21.785	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	252487	18.514	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	175325	18.576	ug/L	93
61) Bromoform	9.95	173	141758	18.625	ug/L	96
62) 1,3-Dichlorobenzene	11.41	146	600557	18.986	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	618909	18.619	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	605620	18.732	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.65	75	38634	18.643	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	490077	20.590	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	391653	23.780	ug/L	99
69) Naphthalene	13.74	128	648672	25.962	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	378255	22.647	ug/L	98

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

