

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020620\
 Data File : VV014513.D
 Acq On : 06 Feb 2020 11:09
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050203

Quant Time: Feb 07 01:07:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 01:04:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	418818	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	388332	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	197592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114471	48.87	ug/L	0.00
7) Chloroethane-d5	1.59	69	77933	46.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	171960	43.42	ug/L	0.00
21) 2-Butanone-d5	3.92	46	188317	108.01	ug/L	0.00
24) Chloroform-d	4.40	84	264671	45.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	161093	43.67	ug/L	0.00
32) Benzene-d6	5.10	84	550799	48.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	169327	50.59	ug/L	0.00
41) Toluene-d8	7.36	98	511546	46.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	90908	48.45	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	150913	107.78	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	221528	47.57	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	187161	40.82	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	166788	54.627	ug/L	100
3) Chloromethane	1.26	50	168954	70.921	ug/L	100
5) Vinyl chloride	1.33	62	128005	59.240	ug/L	100
6) Bromomethane	1.54	94	58347	49.009	ug/L	100
8) Chloroethane	1.60	64	63662	56.762	ug/L	100
9) Trichlorofluoromethane	1.77	101	174562	51.976	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	82220	50.298	ug/L	100
12) 1,1-Dichloroethene	2.14	96	79023	50.887	ug/L	100
13) Acetone	2.19	43	136565	114.119	ug/L	100
14) Carbon disulfide	2.32	76	387826	67.661	ug/L	100
15) Methyl Acetate	2.46	43	145679	66.182	ug/L	100
16) Methylene chloride	2.54	84	148577	60.010	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	142417	61.585	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	451108	58.081	ug/L	100
19) 1,1-Dichloroethane	3.23	63	254467	60.482	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	160432	59.758	ug/L	100
22) 2-Butanone	4.01	43	227129	138.639	ug/L	100
23) Bromochloromethane	4.30	128	76084	52.981	ug/L	100
25) Chloroform	4.42	83	259681	55.853	ug/L	100
27) 1,2-Dichloroethane	5.18	62	196061	54.797	ug/L	100
29) Cyclohexane	4.73	56	240875	67.313	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	224422	53.070	ug/L	100
31) Carbon tetrachloride	4.87	117	195793	50.453	ug/L	100
33) Benzene	5.14	78	580234	60.811	ug/L	100
34) Trichloroethene	5.96	95	149604	57.385	ug/L	100
35) Methylcyclohexane	6.17	83	245331	61.899	ug/L	100
37) 1,2-Dichloropropane	6.22	63	146217	62.338	ug/L	100
38) Bromodichloromethane	6.55	83	197125	55.409	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	245574	59.944	ug/L	100
40) 4-Methyl-2-pentanone	7.26	43	389153	127.758	ug/L	100

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42) Toluene	7.43	91	614681	58.776	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	222239	58.251	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	140307	56.916	ug/L	100
46) Tetrachloroethene	8.02	164	115686	49.361	ug/L	100
48) 2-Hexanone	8.18	43	311085	133.803	ug/L	100
49) Dibromochloromethane	8.29	129	159221	51.314	ug/L	100
50) 1,2-Dibromoethane	8.39	107	153378	56.400	ug/L	100
51) Chlorobenzene	8.92	112	399198	56.940	ug/L	100
52) Ethylbenzene	9.05	91	693925	58.974	ug/L	100
53) m,p-Xylene	9.18	106	263895	58.390	ug/L	100
54) o-Xylene	9.58	106	256774	57.604	ug/L	100
55) Styrene	9.60	104	446047	59.042	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.28	83	224700	58.857	ug/L	100
59) Bromoform	9.77	173	111600	48.182	ug/L	100
60) Isopropylbenzene	9.97	105	667273	58.740	ug/L	100
61) 1,2,3-Trichloropropane	10.31	75	177668	61.607	ug/L	100
62) 1,3,5-Trimethylbenzene	10.58	105	574667	58.500	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	567622	58.444	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	312474	55.191	ug/L	100
65) 1,4-Dichlorobenzene	11.31	146	319148	55.531	ug/L	100
67) 1,2-Dichlorobenzene	11.68	146	300269	52.605	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.47	75	50088	54.459	ug/L	100
69) 1,3,5-Trichlorobenzene	12.69	180	221248	49.692	ug/L	100
70) 1,2,4-trichlorobenzene	13.30	180	208184	53.149	ug/L	100
71) Naphthalene	13.54	128	675471	64.530	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	199542	51.291	ug/L	100

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

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