

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030620\
 Data File : VV014762.D
 Acq On : 06 Mar 2020 17:24
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Mar 06 23:44:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 22:37:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	460558	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	456847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	244809	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	158926	75.96	ug/L	0.00
7) Chloroethane-d5	1.58	69	122755	79.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	262529	70.13	ug/L	0.00
21) 2-Butanone-d5	3.94	46	249108	136.91	ug/L	0.00
24) Chloroform-d	4.38	84	296544	50.33	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	203877	53.39	ug/L	0.00
32) Benzene-d6	5.08	84	624943	51.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	202986	56.05	ug/L	0.00
41) Toluene-d8	7.34	98	612722	52.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	102113	51.31	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	185772	125.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	280999	56.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	243603	50.67	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	226521	64.338	ug/L	100
3) Chloromethane	1.25	50	197485	89.869	ug/L	100
5) Vinyl chloride	1.32	62	185012	86.247	ug/L	100
6) Bromomethane	1.53	94	114340	89.600	ug/L	100
8) Chloroethane	1.60	64	100295	84.978	ug/L	100
9) Trichlorofluoromethane	1.77	101	246042	61.161	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	124954	71.195	ug/L	100
12) 1,1-Dichloroethene	2.13	96	124938	76.482	ug/L	100
13) Acetone	2.23	43	199915	126.551	ug/L	100
14) Carbon disulfide	2.31	76	409113	60.356	ug/L	100
15) Methyl Acetate	2.46	43	186167	68.639	ug/L	100
16) Methylene chloride	2.53	84	167982	55.446	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	156065	55.522	ug/L	100
18) Methyl tert-butyl Ether	2.79	73	508699	54.226	ug/L	100
19) 1,1-Dichloroethane	3.22	63	304079	58.784	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	174207	53.935	ug/L	100
22) 2-Butanone	4.02	43	281975	137.337	ug/L	100
23) Bromochloromethane	4.28	128	87066	53.368	ug/L	100
25) Chloroform	4.41	83	322320	54.854	ug/L	100
27) 1,2-Dichloroethane	5.16	62	241842	56.060	ug/L	100
29) Cyclohexane	4.71	56	283663	62.172	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	261937	49.209	ug/L	100
31) Carbon tetrachloride	4.86	117	225817	48.172	ug/L	100
33) Benzene	5.13	78	668379	55.061	ug/L	100
34) Trichloroethene	5.94	95	171891	49.494	ug/L	100
35) Methylcyclohexane	6.16	83	285379	56.511	ug/L	100
37) 1,2-Dichloropropane	6.20	63	181160	59.801	ug/L	100
38) Bromodichloromethane	6.53	83	228336	50.989	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	279191	53.386	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	525088	134.830	ug/L	100

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42) Toluene	7.41	91	736880	56.020	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	260126	54.587	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	162626	52.147	ug/L	100
46) Tetrachloroethene	8.00	164	140013	54.854	ug/L	100
48) 2-Hexanone	8.16	43	426975	139.135	ug/L	100
49) Dibromochloromethane	8.27	129	181046	49.529	ug/L	100
50) 1,2-Dibromoethane	8.38	107	178478	51.804	ug/L	100
51) Chlorobenzene	8.90	112	471150	53.073	ug/L	100
52) Ethylbenzene	9.03	91	835682	55.516	ug/L	100
53) m,p-Xylene	9.16	106	312228	54.133	ug/L	100
54) o-xylene	9.57	106	309243	54.782	ug/L	100
55) Styrene	9.58	104	537304	56.815	ug/L	100
56) Isopropylbenzene	9.95	105	820504	55.041	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	282463	57.388	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	229158	56.729	ug/L	100
61) Bromoform	9.75	173	131410	49.696	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	396264	53.109	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	402683	52.578	ug/L	100
65) 1,2-Dichlorobenzene	11.66	146	388312	52.348	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	66497	52.856	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	301504	54.473	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	279480	53.953	ug/L	100
69) Naphthalene	13.52	128	427115	27.808	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	282162	53.046	ug/L	100

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

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