

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030620\
 Data File : VV014763.D
 Acq On : 06 Mar 2020 17:48
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Mar 06 23:44:49 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	466145	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	462322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	252585	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	333405	157.45	ug/L	0.00
7) Chloroethane-d5	1.58	69	255573	163.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	539431	142.36	ug/L	0.00
21) 2-Butanone-d5	3.94	46	523362	284.20	ug/L	0.00
24) Chloroform-d	4.38	84	630373	105.70	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	420268	108.75	ug/L	0.00
32) Benzene-d6	5.08	84	1287585	105.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	423431	115.54	ug/L	0.00
41) Toluene-d8	7.34	98	1257664	106.07	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	215386	106.95	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	398019	264.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	587057	116.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	515067	103.83	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	454062	127.420	ug/L 99
3) Chloromethane	1.25	50	404554	181.892	ug/L 100
5) Vinyl chloride	1.32	62	378292	174.234	ug/L 99
6) Bromomethane	1.53	94	233216	180.564	ug/L 100
8) Chloroethane	1.60	64	203237	170.134	ug/L 99
9) Trichlorofluoromethane	1.76	101	504293	123.855	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	258330	145.425	ug/L 99
12) 1,1-Dichloroethene	2.13	96	248319	150.189	ug/L 92
13) Acetone	2.22	43	374105	233.979	ug/L 99
14) Carbon disulfide	2.31	76	851357	124.095	ug/L 100
15) Methyl Acetate	2.46	43	373996	136.237	ug/L 99
16) Methylene chloride	2.52	84	338921	110.527	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	311948	109.649	ug/L 97
18) Methyl tert-butyl Ether	2.79	73	1038917	109.419	ug/L 100
19) 1,1-Dichloroethane	3.21	63	610262	116.560	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	353926	108.264	ug/L 100
22) 2-Butanone	4.02	43	573596	276.024	ug/L 100
23) Bromochloromethane	4.28	128	178931	108.363	ug/L 98
25) Chloroform	4.41	83	624299	104.973	ug/L 97
27) 1,2-Dichloroethane	5.16	62	489742	112.163	ug/L 99
29) Cyclohexane	4.70	56	576666	124.895	ug/L 98
30) 1,1,1-Trichloroethane	4.64	97	535687	99.446	ug/L 99
31) Carbon tetrachloride	4.86	117	462690	97.534	ug/L 99
33) Benzene	5.13	78	1348442	109.768	ug/L 100
34) Trichloroethene	5.94	95	349269	99.376	ug/L 99
35) Methylcyclohexane	6.16	83	591015	115.647	ug/L 100
37) 1,2-Dichloropropane	6.20	63	363080	118.433	ug/L 99
38) Bromodichloromethane	6.53	83	469804	103.668	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	598180	113.028	ug/L 99
40) 4-Methyl-2-pentanone	7.25	43	1091012	276.827	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1500739	112.739	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	536084	111.163	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	335741	106.382	ug/L	98
46) Tetrachloroethene	8.00	164	287563	111.326	ug/L	99
48) 2-Hexanone	8.16	43	855600	275.507	ug/L	98
49) Dibromochloromethane	8.27	129	374447	101.226	ug/L	100
50) 1,2-Dibromoethane	8.38	107	366141	105.015	ug/L	99
51) Chlorobenzene	8.90	112	963220	107.218	ug/L	99
52) Ethylbenzene	9.03	91	1721731	113.023	ug/L	100
53) m,p-Xylene	9.16	106	648274	111.064	ug/L	100
54) o-xylene	9.57	106	635596	111.262	ug/L	99
55) Styrene	9.58	104	1110631	116.049	ug/L	99
56) Isopropylbenzene	9.95	105	1703159	112.898	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	581344	116.714	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	466215	114.046	ug/L	100
61) Bromoform	9.75	173	279710	102.523	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	814779	105.838	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	825308	104.443	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	807106	105.455	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	142680	109.921	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	637496	111.632	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	592559	110.870	ug/L	100
69) Naphthalene	13.52	128	931524	58.781	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	599737	109.279	ug/L	99

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

