

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
 Data File : VV013493.D
 Acq On : 06 Nov 2019 11:29
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Nov 07 01:26:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 01:22:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	906517	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	875848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	462765	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	267501	45.31	ug/L	0.00
7) Chloroethane-d5	1.58	69	215871	46.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	471417	52.81	ug/L	0.00
21) 2-Butanone-d5	3.92	46	427603	103.97	ug/L	0.00
24) Chloroform-d	4.40	84	599630	46.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	379169	49.24	ug/L	0.00
32) Benzene-d6	5.10	84	1201914	45.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	384860	46.59	ug/L	0.00
41) Toluene-d8	7.36	98	1130668	47.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	180548	49.20	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	299377	113.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	492879	45.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	452264	43.47	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	391528	49.966	ug/L	100
3) Chloromethane	1.25	50	378467	60.816	ug/L	100
5) Vinyl chloride	1.32	62	350667	55.963	ug/L	100
6) Bromomethane	1.53	94	169689	53.292	ug/L	100
8) Chloroethane	1.60	64	192909	54.613	ug/L	100
9) Trichlorofluoromethane	1.77	101	461949	53.253	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	256913	52.926	ug/L	100
12) 1,1-Dichloroethene	2.14	96	248168	53.062	ug/L	100
13) Acetone	2.18	43	395831	122.389	ug/L	100
14) Carbon disulfide	2.32	76	855814	52.948	ug/L	100
15) Methyl Acetate	2.45	43	360155	55.705	ug/L	100
16) Methylene chloride	2.53	84	338087	49.401	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	307892	48.621	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	966021	51.935	ug/L	100
19) 1,1-Dichloroethane	3.23	63	600231	51.765	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	342632	49.878	ug/L	100
22) 2-Butanone	4.00	43	550163	120.636	ug/L	100
23) Bromochloromethane	4.30	128	180155	48.630	ug/L	100
25) Chloroform	4.42	83	605910	51.137	ug/L	100
27) 1,2-Dichloroethane	5.18	62	479774	54.723	ug/L	100
29) Cyclohexane	4.73	56	544612	53.303	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	505487	49.838	ug/L	100
31) Carbon tetrachloride	4.87	117	449012	49.240	ug/L	100
33) Benzene	5.14	78	1330160	50.122	ug/L	100
34) Trichloroethene	5.96	95	338670	48.720	ug/L	100
35) Methylcyclohexane	6.17	83	540817	51.288	ug/L	100
37) 1,2-Dichloropropane	6.22	63	342512	51.013	ug/L	100
38) Bromodichloromethane	6.55	83	449849	50.789	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	514859	51.319	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	936670	109.957	ug/L	100

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42) Toluene	7.43	91	1405102	51.590	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	468668	53.856	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	319617	48.653	ug/L	100
46) Tetrachloroethene	8.02	164	290037	47.166	ug/L	100
48) 2-Hexanone	8.18	43	744955	109.362	ug/L	100
49) Dibromochloromethane	8.29	129	367607	49.283	ug/L	100
50) 1,2-Dibromoethane	8.39	107	330254	47.617	ug/L	100
51) Chlorobenzene	8.92	112	889272	48.266	ug/L	100
52) Ethylbenzene	9.05	91	1516774	52.637	ug/L	100
53) m,p-Xylene	9.18	106	583056	52.337	ug/L	100
54) o-xylene	9.58	106	566473	52.045	ug/L	100
55) Styrene	9.60	104	982528	53.276	ug/L	100
56) Isopropylbenzene	9.97	105	1488599	53.407	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	492647	48.723	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	409534	49.063	ug/L	100
61) Bromoform	9.77	173	281262	46.878	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	726631	48.880	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	731596	47.396	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	721719	47.246	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	96958	45.381	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	556873	49.380	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	474637	50.084	ug/L	100
69) Naphthalene	13.55	128	1298738	51.343	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	504729	50.081	ug/L	100

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

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