

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082119\
 Data File : VV012317.D
 Acq On : 21 Aug 2019 16:40
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Aug 22 02:24:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 02:21:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	236720	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	220614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	117845	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57165	38.50	ug/L	0.00
7) Chloroethane-d5	1.58	69	40995	32.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	112172	40.22	ug/L	0.00
21) 2-Butanone-d5	3.92	46	91950	71.27	ug/L	0.00
24) Chloroform-d	4.40	84	163079	46.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	112219	49.56	ug/L	0.00
32) Benzene-d6	5.10	84	301779	44.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	80790	39.32	ug/L	0.00
41) Toluene-d8	7.36	98	297934	47.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	50304	46.56	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	71761	79.96	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	118206	39.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	131929	46.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	102790	50.668	ug/L 100
3) Chloromethane	1.25	50	59175	33.808	ug/L 100
5) Vinyl chloride	1.33	62	59586	33.563	ug/L 100
6) Bromomethane	1.52	94	28683	29.979	ug/L 100
8) Chloroethane	1.60	64	32431	32.680	ug/L 100
9) Trichlorofluoromethane	1.77	101	116616	46.997	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	53471	39.612	ug/L 100
12) 1,1-Dichloroethene	2.14	96	48753	38.171	ug/L 100
13) Acetone	2.18	43	62543	62.280	ug/L 100
14) Carbon disulfide	2.32	76	180590	42.627	ug/L 100
15) Methyl Acetate	2.45	43	63134	37.928	ug/L 100
16) Methylene chloride	2.53	84	72445	44.462	ug/L 100
17) trans-1,2-Dichloroethene	2.79	96	72684	46.422	ug/L 100
18) Methyl tert-butyl Ether	2.80	73	246575	51.507	ug/L 100
19) 1,1-Dichloroethane	3.23	63	123015	44.122	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	82729	47.683	ug/L 100
22) 2-Butanone	4.01	43	98452	76.940	ug/L 100
23) Bromochloromethane	4.30	128	45419	49.558	ug/L 100
25) Chloroform	4.42	83	149720	49.620	ug/L 100
27) 1,2-Dichloroethane	5.18	62	123531	53.904	ug/L 100
29) Cyclohexane	4.73	56	104737	43.565	ug/L 100
30) 1,1,1-Trichloroethane	4.66	97	145258	56.373	ug/L 100
31) Carbon tetrachloride	4.87	117	135861	58.499	ug/L 100
33) Benzene	5.15	78	286195	46.708	ug/L 100
34) Trichloroethene	5.96	95	82081	49.597	ug/L 100
35) Methylcyclohexane	6.18	83	123708	47.477	ug/L 100
37) 1,2-Dichloropropane	6.22	63	66157	43.111	ug/L 100
38) Bromodichloromethane	6.55	83	113276	52.734	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	121870	49.112	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	181674	85.822	ug/L 100

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42) Toluene	7.43	91	324948	49.354	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	118141	51.736	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	73611	47.638	ug/L	100
46) Tetrachloroethene	8.02	164	78938	54.900	ug/L	100
48) 2-Hexanone	8.18	43	139564	81.040	ug/L	100
49) Dibromochloromethane	8.29	129	101187	56.106	ug/L	100
50) 1,2-Dibromoethane	8.40	107	83499	49.993	ug/L	100
51) Chlorobenzene	8.92	112	221430	50.086	ug/L	100
52) Ethylbenzene	9.05	91	373449	51.086	ug/L	100
53) m,p-Xylene	9.18	106	145193	51.704	ug/L	100
54) o-xylene	9.59	106	142397	52.174	ug/L	100
55) Styrene	9.60	104	242084	51.880	ug/L	100
56) Isopropylbenzene	9.97	105	388177	53.643	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	110060	44.028	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	91070	46.164	ug/L	100
61) Bromoform	9.77	173	80421	57.465	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	188924	50.280	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	190239	49.628	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	194095	51.328	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	28100	48.475	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	151466	52.668	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	124627	52.592	ug/L	100
69) Naphthalene	13.55	128	341105	50.951	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	128417	51.636	ug/L	100

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

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