

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081120\
 Data File : VV017913.D
 Acq On : 11 Aug 2020 16:59
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05065

Quant Time: Aug 11 19:48:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 19:45:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	274417	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134856	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	104100	67.00	ug/L	0.00
7) Chloroethane-d5	1.58	69	85087	64.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	198547	56.21	ug/L	0.00
21) 2-Butanone-d5	3.92	46	144496	144.28	ug/L	0.00
24) Chloroform-d	4.37	84	191440	51.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	125397	47.16	ug/L	0.00
32) Benzene-d6	5.07	84	373755	59.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	122505	71.37	ug/L	0.00
41) Toluene-d8	7.34	98	337421	54.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	57055	56.75	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	84314	138.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	158830	62.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	131335	48.11	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	102835	47.735	ug/L	100
3) Chloromethane	1.25	50	121439	75.991	ug/L	100
5) Vinyl chloride	1.32	62	121401	68.364	ug/L	100
6) Bromomethane	1.53	94	71643	61.285	ug/L	100
8) Chloroethane	1.59	64	76855	68.552	ug/L	100
9) Trichlorofluoromethane	1.76	101	172057	44.503	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	96036	53.626	ug/L	100
12) 1,1-Dichloroethene	2.13	96	91577	54.718	ug/L	100
13) Acetone	2.20	43	147268	118.299	ug/L	100
14) Carbon disulfide	2.31	76	253299	63.560	ug/L	100
15) Methyl Acetate	2.45	43	116455	78.147	ug/L	100
16) Methylene chloride	2.52	84	113426	62.315	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	94435	55.107	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	318895	54.713	ug/L	100
19) 1,1-Dichloroethane	3.21	63	190374	64.709	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	105424	57.036	ug/L	100
22) 2-Butanone	4.00	43	174104	150.451	ug/L	100
23) Bromochloromethane	4.27	128	55293	51.464	ug/L	100
25) Chloroform	4.40	83	193685	54.035	ug/L	100
27) 1,2-Dichloroethane	5.15	62	157034	49.482	ug/L	100
29) Cyclohexane	4.70	56	162478	70.191	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	163613	45.629	ug/L	100
31) Carbon tetrachloride	4.85	117	135091	42.787	ug/L	100
33) Benzene	5.12	78	418351	63.266	ug/L	100
34) Trichloroethene	5.94	95	106956	55.727	ug/L	100
35) Methylcyclohexane	6.15	83	160860	58.359	ug/L	100
37) 1,2-Dichloropropane	6.20	63	113554	73.737	ug/L	100
38) Bromodichloromethane	6.53	83	141633	56.229	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	166399	66.501	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	310769	153.152	ug/L	100

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42) Toluene	7.41	91	438213	58.353	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	159775	62.548	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	104404	58.373	ug/L	100
46) Tetrachloroethene	8.00	164	79320	46.205	ug/L	100
48) 2-Hexanone	8.16	43	253711	149.776	ug/L	100
49) Dibromochloromethane	8.27	129	103198	53.802	ug/L	100
50) 1,2-Dibromoethane	8.37	107	107750	55.677	ug/L	100
51) Chlorobenzene	8.90	112	272870	53.550	ug/L	100
52) Ethylbenzene	9.03	91	478334	56.367	ug/L	100
53) m,p-Xylene	9.16	106	177850	54.286	ug/L	100
54) o-xylene	9.56	106	173253	53.851	ug/L	100
55) Styrene	9.58	104	305753	55.101	ug/L	100
56) Isopropylbenzene	9.95	105	459866	52.250	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	163796	65.600	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	140208	62.729	ug/L	100
61) Bromoform	9.75	173	66684	55.584	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	214531	51.777	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	218591	51.784	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	220763	51.861	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	35475	61.030	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	163107	49.150	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	149223	51.279	ug/L	100
69) Naphthalene	13.52	128	444564	57.835	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	153963	52.045	ug/L	100

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

