

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081120\
 Data File : VV017915.D
 Acq On : 11 Aug 2020 17:45
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20061

Quant Time: Aug 11 19:49:02 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	284225	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282044	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155736	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	429775	267.06	ug/L	0.00
7) Chloroethane-d5	1.58	69	347402	255.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	819728	224.07	ug/L	0.00
21) 2-Butanone-d5	3.91	46	603726	582.03	ug/L	0.00
24) Chloroform-d	4.37	84	798190	205.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	516277	187.45	ug/L	0.00
32) Benzene-d6	5.07	84	1550948	227.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	503104	271.58	ug/L	0.00
41) Toluene-d8	7.34	98	1448427	217.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	263882	243.20	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	398204	607.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	697426	254.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	609797	193.44	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	408696	183.166	ug/L	100
3) Chloromethane	1.25	50	474228	286.508	ug/L	99
5) Vinyl chloride	1.32	62	481950	262.033	ug/L	98
6) Bromomethane	1.53	94	293221	242.173	ug/L	100
8) Chloroethane	1.59	64	304425	262.167	ug/L	100
9) Trichlorofluoromethane	1.76	101	682113	170.342	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	376826	203.155	ug/L	99
12) 1,1-Dichloroethene	2.13	96	368187	212.402	ug/L	94
13) Acetone	2.20	43	455210	353.048	ug/L	100
14) Carbon disulfide	2.31	76	1065816	258.213	ug/L	100
15) Methyl Acetate	2.45	43	450981	292.189	ug/L	100
16) Methylene chloride	2.52	84	425785	225.848	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	381236	214.791	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	1303515	215.926	ug/L	100
19) 1,1-Dichloroethane	3.21	63	759114	249.123	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	433142	226.249	ug/L	99
22) 2-Butanone	3.99	43	665070	554.884	ug/L	100
23) Bromochloromethane	4.27	128	217833	195.752	ug/L	99
25) Chloroform	4.40	83	765153	206.098	ug/L	99
27) 1,2-Dichloroethane	5.15	62	613269	186.575	ug/L	98
29) Cyclohexane	4.70	56	677246	271.104	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	661218	170.874	ug/L	99
31) Carbon tetrachloride	4.85	117	562417	165.064	ug/L	100
33) Benzene	5.12	78	1658553	232.416	ug/L	100
34) Trichloroethene	5.94	95	427738	206.512	ug/L	99
35) Methylcyclohexane	6.15	83	680417	228.737	ug/L	98
37) 1,2-Dichloropropane	6.20	63	452702	272.395	ug/L	100
38) Bromodichloromethane	6.53	83	588609	216.533	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	729431	270.124	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	1252105	571.780	ug/L	99

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42) Toluene	7.41	91	1783356	220.049	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	703109	255.052	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	419185	217.173	ug/L	99
46) Tetrachloroethene	8.00	164	324683	175.255	ug/L	98
48) 2-Hexanone	8.16	43	990932	542.065	ug/L	99
49) Dibromochloromethane	8.27	129	459122	221.799	ug/L	100
50) 1,2-Dibromoethane	8.37	107	446951	214.005	ug/L	97
51) Chlorobenzene	8.90	112	1132969	206.029	ug/L	100
52) Ethylbenzene	9.03	91	2014856	220.008	ug/L	100
53) m,p-Xylene	9.16	106	753711	213.179	ug/L	98
54) o-xylene	9.57	106	745898	214.829	ug/L	98
55) Styrene	9.58	104	1325242	221.304	ug/L	100
56) Isopropylbenzene	9.95	105	1983177	208.797	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	697864	258.984	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	568608	235.730	ug/L	100
61) Bromoform	9.75	173	339053	244.725	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	950884	198.727	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	968336	198.643	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	979968	199.345	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	161073	239.953	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	758748	197.982	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	687117	204.463	ug/L	100
69) Naphthalene	13.52	128	1999844	225.287	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	668556	195.697	ug/L	100

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

