

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017744.D
 Acq On : 30 Jul 2020 11:44
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Quant Time: Jul 31 02:01:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 01:58:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	349901	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342347	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	208275	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	338105	165.37	ug/L	0.00
7) Chloroethane-d5	1.58	69	287128	194.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	830890	194.94	ug/L	0.00
21) 2-Butanone-d5	3.91	46	582468	372.17	ug/L	0.00
24) Chloroform-d	4.37	84	965409	197.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	707656	208.85	ug/L	0.00
32) Benzene-d6	5.07	84	1659951	184.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	471966	177.32	ug/L	0.00
41) Toluene-d8	7.34	98	1660800	194.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	319993	203.66	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	457280	382.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	719309	189.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	812457	190.16	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	656684	182.332	ug/L	100
3) Chloromethane	1.25	50	441771	165.618	ug/L	99
5) Vinyl chloride	1.32	62	476978	183.939	ug/L	100
6) Bromomethane	1.53	94	303713	188.112	ug/L	100
8) Chloroethane	1.60	64	279517	202.026	ug/L	100
9) Trichlorofluoromethane	1.76	101	885484	198.505	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	429218	197.696	ug/L	98
12) 1,1-Dichloroethene	2.13	96	403403	200.626	ug/L	97
13) Acetone	2.19	43	575743	381.099	ug/L	99
14) Carbon disulfide	2.31	76	1277628	179.911	ug/L	99
15) Methyl Acetate	2.44	43	421406	174.608	ug/L	99
16) Methylene chloride	2.52	84	471873	181.030	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	458236	185.450	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	1611604	194.486	ug/L	100
19) 1,1-Dichloroethane	3.21	63	823675	186.200	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	507739	191.628	ug/L	95
22) 2-Butanone	3.99	43	666357	374.643	ug/L	95
23) Bromochloromethane	4.27	128	283053	192.596	ug/L	99
25) Chloroform	4.40	83	954952	197.472	ug/L	100
27) 1,2-Dichloroethane	5.15	62	863175	206.322	ug/L	99
29) Cyclohexane	4.70	56	685027	171.130	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	956161	201.468	ug/L	99
31) Carbon tetrachloride	4.85	117	877111	203.461	ug/L	100
33) Benzene	5.12	78	1817555	183.045	ug/L	100
34) Trichloroethene	5.94	95	521072	189.369	ug/L	99
35) Methylcyclohexane	6.15	83	778484	183.502	ug/L	99
37) 1,2-Dichloropropane	6.20	63	434282	173.896	ug/L	99
38) Bromodichloromethane	6.53	83	756365	199.377	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	838113	198.195	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	1200226	351.261	ug/L	100

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42) Toluene	7.41	91	2074774	189.367	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	876920	205.098	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	473986	185.004	ug/L	98
46) Tetrachloroethene	8.00	164	456151	194.181	ug/L	100
48) 2-Hexanone	8.16	43	997874	363.665	ug/L	99
49) Dibromochloromethane	8.27	129	653208	205.503	ug/L	98
50) 1,2-Dibromoethane	8.37	107	529078	190.196	ug/L	99
51) Chlorobenzene	8.90	112	1405623	192.705	ug/L	100
52) Ethylbenzene	9.03	91	2439777	198.307	ug/L	100
53) m,p-Xylene	9.16	106	927886	197.073	ug/L	99
54) o-xylene	9.56	106	902422	197.372	ug/L	100
55) Styrene	9.58	104	1601802	205.386	ug/L	98
56) Isopropylbenzene	9.95	105	2519501	203.228	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	723780	182.739	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	628354	188.904	ug/L	98
61) Bromoform	9.75	173	522538	194.730	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	1297877	187.476	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	1314593	185.635	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1298262	185.215	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	207833	183.578	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	1019758	185.734	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	925399	189.731	ug/L	100
69) Naphthalene	13.52	128	2553203	191.090	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	901134	186.196	ug/L	99

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

