

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017565.D
 Acq On : 21 Jul 2020 15:02
 Operator : SY/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20064

Quant Time: Jul 22 02:38:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 02:35:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345932	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337304	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	190124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	405006	207.19	ug/L	0.00
7) Chloroethane-d5	1.58	69	267047	172.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	833095	179.43	ug/L	0.00
21) 2-Butanone-d5	3.90	46	695902	477.16	ug/L	0.00
24) Chloroform-d	4.37	84	977064	215.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	662296	215.34	ug/L	0.00
32) Benzene-d6	5.07	84	1773994	228.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	532020	229.28	ug/L	0.00
41) Toluene-d8	7.34	98	1690940	229.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	327912	234.69	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	535865	497.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	761779	230.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	754201	210.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	665365	201.120 ug/L	99
3) Chloromethane	1.25	50	509112	192.711 ug/L	99
5) Vinyl chloride	1.32	62	493395	179.585 ug/L	99
6) Bromomethane	1.53	94	288574	163.741 ug/L	96
8) Chloroethane	1.59	64	239503	156.800 ug/L	99
9) Trichlorofluoromethane	1.76	101	802175	169.757 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	397245	158.768 ug/L	98
12) 1,1-Dichloroethene	2.13	96	377429	166.774 ug/L	96
13) Acetone	2.19	43	517872	306.273 ug/L	99
14) Carbon disulfide	2.31	76	1370477	210.096 ug/L	99
15) Methyl Acetate	2.44	43	516030	204.154 ug/L	98
16) Methylene chloride	2.52	84	492453	185.797 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	471628	204.276 ug/L	98
18) Methyl tert-butyl Ether	2.78	73	1626159	200.215 ug/L	100
19) 1,1-Dichloroethane	3.21	63	861293	201.692 ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	522097	208.262 ug/L	95
22) 2-Butanone	3.99	43	732227	450.969 ug/L	99
23) Bromochloromethane	4.27	128	281972	202.770 ug/L	99
25) Chloroform	4.40	83	940292	199.267 ug/L	98
27) 1,2-Dichloroethane	5.15	62	810294	200.885 ug/L	99
29) Cyclohexane	4.70	56	767526	224.597 ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	888185	194.972 ug/L	99
31) Carbon tetrachloride	4.85	117	803313	192.734 ug/L	98
33) Benzene	5.12	78	1899423	210.868 ug/L	100
34) Trichloroethene	5.94	95	518324	209.301 ug/L	99
35) Methylcyclohexane	6.15	83	807204	217.859 ug/L	99
37) 1,2-Dichloropropane	6.20	63	482002	210.291 ug/L	100
38) Bromodichloromethane	6.53	83	727680	200.893 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	868756	226.898 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	1402095	441.611 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	2089698	210.354	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	870621	217.697	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	487723	198.691	ug/L	99
46) Tetrachloroethene	8.00	164	440330	204.608	ug/L	99
48) 2-Hexanone	8.16	43	1109873	438.301	ug/L	99
49) Dibromochloromethane	8.27	129	622214	203.790	ug/L	99
50) 1,2-Dibromoethane	8.37	107	541949	202.940	ug/L	98
51) Chlorobenzene	8.90	112	1376203	198.860	ug/L	98
52) Ethylbenzene	9.03	91	2388099	205.646	ug/L	100
53) m,p-Xylene	9.16	106	917378	211.615	ug/L	98
54) o-xylene	9.56	106	886494	210.460	ug/L	99
55) Styrene	9.58	104	1564414	217.907	ug/L	99
56) Isopropylbenzene	9.95	105	2415752	212.643	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	773693	210.106	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	640942	204.546	ug/L	100
61) Bromoform	9.75	173	492819	202.055	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	1211214	199.311	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	1217980	192.722	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1204162	191.466	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	212806	186.465	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	959357	198.147	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	876649	202.352	ug/L	99
69) Naphthalene	13.52	128	2600989	212.748	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	862377	199.947	ug/L	100

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

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