

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031820\
 Data File : VV015019.D
 Acq On : 18 Mar 2020 15:14
 Operator : SY/MD
 Sample : VSTD20062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20062

Manual Integrations
 APPROVED

sam
 3/19/2020 11:30:47 AM

Quant Time: Mar 19 02:31:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 19 02:01:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354001	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	359364	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	204072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	318497	192.56	ug/L	0.00
7) Chloroethane-d5	1.58	69	237001	182.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	534112	188.93	ug/L	0.00
21) 2-Butanone-d5	3.92	46	462559	405.69	ug/L	0.00
24) Chloroform-d	4.38	84	824903	194.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	507528	190.39	ug/L	0.00
32) Benzene-d6	5.08	84	1613379	189.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	472283	189.28	ug/L	0.00
41) Toluene-d8	7.34	98	1633782	190.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	278829	209.05	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	478674	416.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	717097	191.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	762003	186.00	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	618300	204.310	ug/L	99
3) Chloromethane	1.25	50	412388	200.458	ug/L	98
5) Vinyl chloride	1.32	62	412106	207.139	ug/L	98
6) Bromomethane	1.53	94	274539	212.658	ug/L	96
8) Chloroethane	1.60	64	209346	195.285	ug/L	99
9) Trichlorofluoromethane	1.76	101	651326	205.772	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	307926	202.268	ug/L	99
12) 1,1-Dichloroethene	2.13	96	302308	209.846	ug/L	97
13) Acetone	2.20	43	340901m	370.415	ug/L	
14) Carbon disulfide	2.31	76	1097619	215.014	ug/L	99
15) Methyl Acetate	2.45	43	348461	219.564	ug/L	95
16) Methylene chloride	2.52	84	460052	201.522	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	446981	206.710	ug/L	99
18) Methyl tert-butyl Ether	2.79	73	1429378	214.727	ug/L	99
19) 1,1-Dichloroethane	3.21	63	765448	206.015	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	510404	211.210	ug/L	98
22) 2-Butanone	4.00	43	586125	461.958	ug/L	96
23) Bromochloromethane	4.28	128	275152	209.466	ug/L	98
25) Chloroform	4.40	83	844133	203.143	ug/L	99
27) 1,2-Dichloroethane	5.16	62	639973	206.241	ug/L	99
29) Cyclohexane	4.70	56	676989	209.824	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	793325	204.636	ug/L	100
31) Carbon tetrachloride	4.86	117	727232	208.739	ug/L	99
33) Benzene	5.13	78	1796849	204.258	ug/L	100
34) Trichloroethene	5.94	95	495690	207.998	ug/L	98
35) Methylcyclohexane	6.16	83	788554	208.523	ug/L	99
37) 1,2-Dichloropropane	6.20	63	433145	203.607	ug/L	100
38) Bromodichloromethane	6.53	83	659765	212.653	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	811689	227.860	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	1220258	414.081	ug/L	99

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42) Toluene	7.41	91	2071052	208.255	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	735326	227.890	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	478794	206.452	ug/L	97
46) Tetrachloroethene	8.00	164	478340	211.391	ug/L	99
48) 2-Hexanone	8.17	43	947336	430.358	ug/L	97
49) Dibromochloromethane	8.27	129	595154	220.807	ug/L	99
50) 1,2-Dibromoethane	8.37	107	539049	208.262	ug/L	100
51) Chlorobenzene	8.90	112	1444284	206.559	ug/L	99
52) Ethylbenzene	9.03	91	2407031	213.076	ug/L	99
53) m,p-Xylene	9.16	106	956802	216.346	ug/L	99
54) o-xylene	9.57	106	944903	215.752	ug/L	100
55) Styrene	9.58	104	1615783	219.671	ug/L	99
56) Isopropylbenzene	9.95	105	2488887	218.193	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	776964	205.972	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	616665	206.245	ug/L	99
61) Bromoform	9.75	173	467571	231.727	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	1278959	208.211	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	1278019	199.880	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1272806	195.083	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	199291	218.566	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	1050098	216.066	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	976643	218.210	ug/L	100
69) Naphthalene	13.52	128	1386973	237.347	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	962499	218.893	ug/L	98

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

