

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015331.D
 Acq On : 01 Apr 2020 12:22
 Operator : SY/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20064

Quant Time: Apr 02 01:48:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 01:39:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	741092	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	724485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	360440	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1201419	180.80	ug/L	0.00
7) Chloroethane-d5	1.58	69	1039532	183.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	2199849	185.21	ug/L	0.00
21) 2-Butanone-d5	3.92	46	1371014	386.35	ug/L	0.00
24) Chloroform-d	4.38	84	1997111	182.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	1211821	177.33	ug/L	0.00
32) Benzene-d6	5.08	84	3973435	178.09	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	1187168	180.47	ug/L	0.00
41) Toluene-d8	7.34	98	3860112	180.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	680468	187.22	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	1124355	374.25	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	1713000	183.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	1472540	179.59	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1323366	197.462	ug/L	99
3) Chloromethane	1.25	50	1177095	186.367	ug/L	100
5) Vinyl chloride	1.32	62	1243550	187.969	ug/L	100
6) Bromomethane	1.53	94	836387	191.250	ug/L	99
8) Chloroethane	1.60	64	830325	182.699	ug/L	100
9) Trichlorofluoromethane	1.76	101	2693715	215.359	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1065029	190.541	ug/L	99
12) 1,1-Dichloroethene	2.13	96	1029735	192.435	ug/L	94
13) Acetone	2.21	43	866454	373.748	ug/L	99
14) Carbon disulfide	2.31	76	2877072	196.121	ug/L	99
15) Methyl Acetate	2.45	43	987638	193.259	ug/L	99
16) Methylene chloride	2.52	84	1058622	188.721	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	995705	196.646	ug/L	96
18) Methyl tert-butyl Ether	2.79	73	3198454	191.614	ug/L	99
19) 1,1-Dichloroethane	3.21	63	1753106	190.293	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	1126815	194.328	ug/L	# 96
22) 2-Butanone	4.01	43	1407252	399.043	ug/L	96
23) Bromochloromethane	4.28	128	580823	198.492	ug/L	94
25) Chloroform	4.40	83	1879912	188.175	ug/L	99
27) 1,2-Dichloroethane	5.16	62	1417884	188.441	ug/L	100
29) Cyclohexane	4.70	56	1623104	188.302	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	1781478	191.356	ug/L	99
31) Carbon tetrachloride	4.86	117	1557487	195.674	ug/L	100
33) Benzene	5.13	78	4093768	190.909	ug/L	100
34) Trichloroethene	5.94	95	1113243	196.066	ug/L	99
35) Methylcyclohexane	6.15	83	1787368	192.143	ug/L	98
37) 1,2-Dichloropropane	6.20	63	1008977	191.715	ug/L	100
38) Bromodichloromethane	6.53	83	1490041	193.119	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	1743794	197.164	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	2826294	382.005	ug/L	99

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42) Toluene	7.41	91	4569260	191.733	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1725229	200.743	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	1060329	191.056	ug/L	99
46) Tetrachloroethene	8.00	164	841692	206.776	ug/L	97
48) 2-Hexanone	8.16	43	2205331	393.629	ug/L	99
49) Dibromochloromethane	8.27	129	1238038	203.697	ug/L	99
50) 1,2-Dibromoethane	8.37	107	1167291	197.035	ug/L	99
51) Chlorobenzene	8.90	112	3022002	193.481	ug/L	98
52) Ethylbenzene	9.04	91	5147831	192.451	ug/L	98
53) m,p-Xylene	9.16	106	2025050	196.607	ug/L	100
54) o-xylene	9.57	106	1978257	191.741	ug/L	100
55) Styrene	9.58	104	3405017	198.467	ug/L	99
56) Isopropylbenzene	9.95	105	5166896	193.332	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	1687663	189.413	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	1331586	187.380	ug/L	99
61) Bromoform	9.75	173	868272	215.658	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	2356969	194.239	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	2377078	193.154	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	2344066	189.396	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	448013	183.322	ug/L	90
67) 1,3,5-Trichlorobenzene	12.67	180	1655511	205.862	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	1583529	215.574	ug/L	99
69) Naphthalene	13.53	128	5633539	200.603	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	1563527	206.635	ug/L	99

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

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