

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015265.D
 Acq On : 30 Mar 2020 10:33
 Operator : SY/MD
 Sample : VSTD20001
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20001

Quant Time: Mar 30 13:29:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 13:18:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	766642	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	746820	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	366248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	1044612	186.88	ug/L	0.00
7) Chloroethane-d5	1.58	69	949341	182.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	2354190	195.29	ug/L	0.00
21) 2-Butanone-d5	3.93	46	1448495	396.00	ug/L	0.00
24) Chloroform-d	4.38	84	1939167	192.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	1212511	184.59	ug/L	0.00
32) Benzene-d6	5.08	84	3754524	192.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	1167394	191.49	ug/L	0.00
41) Toluene-d8	7.34	98	3694872	195.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	669760	201.74	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	1140680	398.82	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	1729961	192.28	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	1384841	189.97	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	1044860	193.727	ug/L	98
3) Chloromethane	1.25	50	1108798	181.030	ug/L	100
5) Vinyl chloride	1.32	62	1194034	184.786	ug/L	98
6) Bromomethane	1.53	94	793802	183.638	ug/L	98
8) Chloroethane	1.60	64	768329	172.430	ug/L	97
9) Trichlorofluoromethane	1.76	101	2288699	209.539	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1111664	189.801	ug/L	99
12) 1,1-Dichloroethene	2.13	96	1087243	191.754	ug/L	98
13) Acetone	2.22	43	854165	346.433	ug/L	97
14) Carbon disulfide	2.31	76	2640228	191.351	ug/L	100
15) Methyl Acetate	2.46	43	956785	191.016	ug/L	99
16) Methylene chloride	2.52	84	977250	184.223	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	907447	190.984	ug/L	96
18) Methyl tert-butyl Ether	2.79	73	3063301	189.353	ug/L	100
19) 1,1-Dichloroethane	3.21	63	1686595	190.392	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	1036699	194.097	ug/L	# 94
22) 2-Butanone	4.01	43	1402240	373.816	ug/L	93
23) Bromochloromethane	4.27	128	519105	197.282	ug/L	97
25) Chloroform	4.40	83	1782068	188.413	ug/L	97
27) 1,2-Dichloroethane	5.15	62	1386868	184.356	ug/L	99
29) Cyclohexane	4.70	56	1523130	192.426	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	1673272	197.606	ug/L	99
31) Carbon tetrachloride	4.85	117	1433881	199.888	ug/L	99
33) Benzene	5.13	78	3837486	194.101	ug/L	100
34) Trichloroethene	5.94	95	1036011	195.336	ug/L	97
35) Methylcyclohexane	6.15	83	1636981	196.780	ug/L	98
37) 1,2-Dichloropropane	6.20	63	973153	193.516	ug/L	100
38) Bromodichloromethane	6.53	83	1418717	196.182	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	1720233	202.550	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	2846760	380.728	ug/L	99

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42) Toluene	7.41	91	4350767	196.030	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	1674334	200.642	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	992492	195.908	ug/L	99
46) Tetrachloroethene	8.00	164	721902	205.698	ug/L	94
48) 2-Hexanone	8.16	43	2256422	393.375	ug/L	100
49) Dibromochloromethane	8.27	129	1142405	206.330	ug/L	96
50) 1,2-Dibromoethane	8.37	107	1087664	197.597	ug/L	98
51) Chlorobenzene	8.90	112	2825822	195.633	ug/L	99
52) Ethylbenzene	9.04	91	4932090	197.064	ug/L	99
53) m,p-Xylene	9.16	106	1909748	200.053	ug/L	99
54) o-xylene	9.57	106	1879906	197.954	ug/L	97
55) Styrene	9.58	104	3260694	201.210	ug/L	98
56) Isopropylbenzene	9.96	105	4941244	197.662	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	1642226	195.324	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	1312906	188.697	ug/L	98
61) Bromoform	9.75	173	786844	215.423	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	2166051	193.919	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	2190004	192.087	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	2168641	192.397	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	450585	181.686	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	1460306	204.839	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	1391916	205.487	ug/L	100
69) Naphthalene	13.53	128	5299693	196.271	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	1396057	205.356	ug/L	99

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

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