

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122719\
 Data File : VV014189.D
 Acq On : 27 Dec 2019 13:36
 Operator : SY/MD
 Sample : VSTD02032
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

Quant Time: Dec 27 13:56:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 27 13:32:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	778392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	714224	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	338219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	707667	12.67	ug/L	0.00
7) Chloroethane-d5	1.58	69	553789	11.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1227174	12.97	ug/L	0.00
20) 2-Butanone-d5	3.94	46	1906315	180.93	ug/L	0.00
24) Chloroform-d	4.40	84	1851746	17.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	891404	17.35	ug/L	0.00
32) Benzene-d6	5.09	84	3807925	19.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	1185800	20.17	ug/L	0.00
41) Toluene-d8	7.35	98	3497149	19.80	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	510846	22.45	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	2072990	257.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	819370	19.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	1134579	18.73	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	1092976	17.390 ug/L	97
3) Chloromethane	1.25	50	1015662	15.688 ug/L	99
5) Vinyl chloride	1.32	62	974178	16.098 ug/L	100
6) Bromomethane	1.53	94	474131	14.211 ug/L	98
8) Chloroethane	1.60	64	483160	13.434 ug/L	97
9) Trichlorofluoromethane	1.77	101	1181523	14.481 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	640038	13.919 ug/L	99
12) 1,1-Dichloroethene	2.14	96	630250	14.042 ug/L	98
13) Acetone	2.21	43	1024028	119.320 ug/L	97
14) Carbon disulfide	2.31	76	2856632	19.153 ug/L	99
15) Methyl Acetate	2.46	43	398151	19.649 ug/L	95
16) Methylene chloride	2.53	84	1012018	16.770 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	2450691	22.193 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	1037343	19.542 ug/L	99
19) 1,1-Dichloroethane	3.23	63	1939278	19.684 ug/L	98
21) 2-Butanone	4.02	43	2204253	187.503 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	1157838	21.182 ug/L	# 99
23) Bromochloromethane	4.29	128	449544	17.799 ug/L	96
25) Chloroform	4.42	83	1938433	19.196 ug/L	97
27) 1,2-Dichloroethane	5.18	62	1116155	19.420 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	1685465	20.287 ug/L	100
30) Cyclohexane	4.72	56	1780109	22.396 ug/L	99
31) Carbon tetrachloride	4.87	117	1436815	19.432 ug/L	100
33) Benzene	5.14	78	4290616	21.293 ug/L	100
34) Trichloroethene	5.96	95	1147509	21.619 ug/L	97
35) Methylcyclohexane	6.17	83	1839436	23.349 ug/L	98
37) 1,2-Dichloropropane	6.22	63	1083306	21.785 ug/L	100
38) Bromodichloromethane	6.55	83	1414034	21.863 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	1748139	24.956 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	6300206	232.563 ug/L	98

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42) Toluene	7.43	91	4480952	21.259	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	1352214	24.553	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	705491	20.424	ug/L	99
47) Tetrachloroethene	8.02	164	772757	16.150	ug/L	99
48) 2-Hexanone	8.18	43	4513332	228.051	ug/L	100
49) Dibromochloromethane	8.29	129	900311	20.579	ug/L	98
50) 1,2-Dibromoethane	8.39	107	683668	21.534	ug/L	96
51) Chlorobenzene	8.92	112	2821605	20.487	ug/L	99
52) Ethylbenzene	9.05	91	5049307	22.998	ug/L	99
53) m,p-xylene	9.18	106	1911036	22.521	ug/L	96
54) o-xylene	9.58	106	1872904	23.471	ug/L	98
55) Styrene	9.60	104	3171564	23.024	ug/L	98
56) Isopropylbenzene	9.97	105	4852976	23.010	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	836331	20.669	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	636743	21.222	ug/L	99
61) Bromoform	9.77	173	469408	20.132	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	2121861	21.495	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	2108368	21.091	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	1910153	20.782	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	155639	27.615	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	1555843	19.166	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	1355555	20.473	ug/L	98
69) Naphthalene	13.54	128	2606533	29.996	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	1204406	19.718	ug/L	98

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

