

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014158.D
 Acq On : 23 Dec 2019 12:42
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02031

Quant Time: Dec 23 13:02:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 23 12:16:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	395476	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	214939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	551147	22.51	ug/L	0.00
7) Chloroethane-d5	1.58	69	450142	21.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	938951	22.79	ug/L	0.00
20) 2-Butanone-d5	3.94	46	1293421	254.19	ug/L	0.00
24) Chloroform-d	4.39	84	1092716	22.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	534948	22.78	ug/L	0.00
32) Benzene-d6	5.09	84	2209529	22.26	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	657084	22.21	ug/L	0.00
41) Toluene-d8	7.35	98	2000011	21.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	256712	22.30	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	1190410	280.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	495186	24.14	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	796466	20.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	640864	24.331 ug/L	99
3) Chloromethane	1.25	50	644562	27.866 ug/L	100
5) Vinyl chloride	1.32	62	619176	26.207 ug/L	98
6) Bromomethane	1.53	94	353188	28.390 ug/L	99
8) Chloroethane	1.60	64	354341	24.889 ug/L	98
9) Trichlorofluoromethane	1.77	101	813279	22.169 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	457638	20.993 ug/L	99
12) 1,1-Dichloroethene	2.13	96	454025	23.878 ug/L	90
13) Acetone	2.21	43	789781	221.951 ug/L	97
14) Carbon disulfide	2.31	76	1622565	36.964 ug/L	99
15) Methyl Acetate	2.46	43	266641	33.472 ug/L	93
16) Methylene chloride	2.53	84	554400	21.286 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	1296211	24.909 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	566089	26.364 ug/L	98
19) 1,1-Dichloroethane	3.22	63	1043660	24.348 ug/L	99
21) 2-Butanone	4.02	43	1421248	264.241 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	612892	24.342 ug/L	# 98
23) Bromochloromethane	4.29	128	272323	24.613 ug/L	99
25) Chloroform	4.42	83	1060918	23.347 ug/L	100
27) 1,2-Dichloroethane	5.17	62	637308	24.505 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	911913	23.171 ug/L	100
30) Cyclohexane	4.72	56	986931	30.016 ug/L	99
31) Carbon tetrachloride	4.87	117	831118	24.003 ug/L	99
33) Benzene	5.14	78	2316296	24.545 ug/L	100
34) Trichloroethene	5.96	95	615125	23.628 ug/L	96
35) Methylcyclohexane	6.17	83	987399	28.425 ug/L	98
37) 1,2-Dichloropropane	6.22	63	575904	23.743 ug/L	99
38) Bromodichloromethane	6.55	83	735068	22.968 ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	871259	25.315 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	3502232	247.466 ug/L	98

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42) Toluene	7.42	91	2432684	24.031	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	668976	24.833	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	396593	22.943	ug/L	98
47) Tetrachloroethene	8.01	164	539469	23.864	ug/L	98
48) 2-Hexanone	8.18	43	2629527	260.305	ug/L	97
49) Dibromochloromethane	8.29	129	514460	23.206	ug/L	98
50) 1,2-Dibromoethane	8.39	107	378441	24.176	ug/L	96
51) Chlorobenzene	8.92	112	1585172	22.506	ug/L	100
52) Ethylbenzene	9.05	91	2790109	25.373	ug/L	99
53) m,p-xylene	9.18	106	1076816	25.686	ug/L	100
54) o-xylene	9.58	106	1034784	25.284	ug/L	97
55) Styrene	9.60	104	1792057	25.360	ug/L	100
56) Isopropylbenzene	9.97	105	2768020	24.818	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	475635	25.043	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	354471	23.808	ug/L	98
61) Bromoform	9.77	173	314750	23.268	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	1368517	21.916	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	1358755	21.380	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	1256613	21.684	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	75472	22.410	ug/L	91
67) 1,3,5-Trichlorobenzene	12.68	180	1112546	21.094	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	976327	22.571	ug/L	99
69) Naphthalene	13.54	128	1537487	26.104	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	912649	23.160	ug/L	99

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

