

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091719\
 Data File : VV012868.D
 Acq On : 17 Sep 2019 17:08
 Operator : SY/MD
 Sample : VSTD02032
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

Quant Time: Sep 17 17:38:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 17:28:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	436785	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	421980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	219623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	853968	19.76	ug/L	0.00
7) Chloroethane-d5	1.58	69	669227	19.63	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	1209770	18.98	ug/L	0.00
20) 2-Butanone-d5	3.97	46	2016514	222.75	ug/L	0.00
24) Chloroform-d	4.40	84	1403948	19.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	699124	20.28	ug/L	0.00
32) Benzene-d6	5.09	84	2925318	20.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	887686	20.84	ug/L	0.00
41) Toluene-d8	7.36	98	2720169	21.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	341804	22.33	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	1628474	253.08	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	675298	20.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	955984	20.15	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	463592	16.833 ug/L	99
3) Chloromethane	1.26	50	557783	18.361 ug/L	100
5) Vinyl chloride	1.32	62	647112	18.358 ug/L	98
6) Bromomethane	1.53	94	321145	18.955 ug/L	100
8) Chloroethane	1.60	64	341902	18.465 ug/L	98
9) Trichlorofluoromethane	1.77	101	786255	18.334 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	462391	17.966 ug/L	98
12) 1,1-Dichloroethene	2.14	96	418414	17.881 ug/L	93
13) Acetone	2.24	43	829319	198.835 ug/L	# 49
14) Carbon disulfide	2.31	76	892751	18.621 ug/L	98
15) Methyl Acetate	2.47	43	249403	19.914 ug/L	93
16) Methylene chloride	2.53	84	482741	16.777 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	1271871	19.217 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	477309	18.351 ug/L	98
19) 1,1-Dichloroethane	3.23	63	1010279	18.823 ug/L	100
21) 2-Butanone	4.05	43	1745628	227.824 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	582877	19.943 ug/L	99
23) Bromochloromethane	4.30	128	246782	19.069 ug/L	98
25) Chloroform	4.42	83	1065547	17.621 ug/L	99
27) 1,2-Dichloroethane	5.18	62	624806	19.430 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	847913	19.338 ug/L	99
30) Cyclohexane	4.72	56	795316	21.747 ug/L	100
31) Carbon tetrachloride	4.87	117	719123	19.364 ug/L	99
33) Benzene	5.14	78	2171551	19.833 ug/L	100
34) Trichloroethene	5.96	95	555938	19.713 ug/L	99
35) Methylcyclohexane	6.17	83	843339	22.282 ug/L	98
37) 1,2-Dichloropropane	6.22	63	597226	20.017 ug/L	100
38) Bromodichloromethane	6.55	83	754954	19.442 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	868335	21.970 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	4246822	221.038 ug/L	98

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42) Toluene	7.43	91	2369427	20.786	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	695593	22.035	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	435865	19.492	ug/L	98
47) Tetrachloroethene	8.02	164	443767	19.581	ug/L	99
48) 2-Hexanone	8.19	43	3030172	218.276	ug/L	99
49) Dibromochloromethane	8.29	129	521732	20.492	ug/L	99
50) 1,2-Dibromoethane	8.40	107	373583	20.075	ug/L	98
51) Chlorobenzene	8.92	112	1561011	19.955	ug/L	99
52) Ethylbenzene	9.05	91	2693850	22.034	ug/L	100
53) m,p-xylene	9.18	106	1016043	22.533	ug/L	98
54) o-xylene	9.59	106	1023500	23.087	ug/L	100
55) Styrene	9.60	104	1791515	23.556	ug/L	99
56) Isopropylbenzene	9.97	105	2778397	23.357	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	548591	19.590	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	377723	19.406	ug/L	99
61) Bromoform	9.77	173	295688	19.635	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1306196	19.902	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	1295366	19.232	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	1244388	19.222	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	81069	18.220	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	1034757	20.163	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	884668	21.469	ug/L	99
69) Naphthalene	13.55	128	1546581	24.839	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	850516	20.921	ug/L	99

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

