

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073119\
 Data File : VV012078.D
 Acq On : 30 Jul 2019 18:54
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02031

Quant Time: Jul 31 04:37:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 31 04:32:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132380	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	73210	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116501	17.11	ug/L	0.00
7) Chloroethane-d5	1.59	69	90588	16.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	246346	18.09	ug/L	0.00
20) 2-Butanone-d5	3.96	46	353576	178.98	ug/L	-0.01
24) Chloroform-d	4.40	84	314537	17.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	179297	19.11	ug/L	0.00
32) Benzene-d6	5.10	84	629023	17.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	171797	17.17	ug/L	0.00
41) Toluene-d8	7.36	98	609901	18.56	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	81802	19.77	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	290881	181.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	128287	17.73	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	252013	17.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	284112	20.593	ug/L 98
3) Chloromethane	1.25	50	136989	17.852	ug/L 99
5) Vinyl chloride	1.32	62	147869	18.660	ug/L 97
6) Bromomethane	1.54	94	96505	20.349	ug/L 100
8) Chloroethane	1.60	64	81170	17.396	ug/L 99
9) Trichlorofluoromethane	1.77	101	291118	19.569	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	124051	18.590	ug/L 98
12) 1,1-Dichloroethene	2.14	96	115117	19.318	ug/L 92
13) Acetone	2.23	43	168224	161.496	ug/L 99
14) Carbon disulfide	2.32	76	321136	19.049	ug/L 97
15) Methyl Acetate	2.47	43	34633	15.027	ug/L 97
16) Methylene chloride	2.53	84	109155	16.249	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	393049	19.421	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	171635	18.705	ug/L 94
19) 1,1-Dichloroethane	3.23	63	300962	18.540	ug/L 99
21) 2-Butanone	4.05	43	359622	180.580	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	187674	18.968	ug/L 95
23) Bromochloromethane	4.30	128	81027	19.679	ug/L 95
25) Chloroform	4.43	83	370631	18.573	ug/L 99
27) 1,2-Dichloroethane	5.18	62	218598	19.763	ug/L 98
29) 1,1,1-Trichloroethane	4.66	97	333299	20.655	ug/L 99
30) Cyclohexane	4.72	56	269173	18.219	ug/L 98
31) Carbon tetrachloride	4.87	117	303329	20.813	ug/L 100
33) Benzene	5.15	78	683828	18.787	ug/L 100
34) Trichloroethene	5.96	95	192949	18.926	ug/L 95
35) Methylcyclohexane	6.17	83	310654	19.689	ug/L 99
37) 1,2-Dichloropropane	6.22	63	154781	17.845	ug/L 99
38) Bromodichloromethane	6.56	83	237002	20.114	ug/L 98
39) cis-1,3-Dichloropropene	7.07	75	263551	20.297	ug/L 99
40) 4-Methyl-2-pentanone	7.28	43	882290	183.876	ug/L 99

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42) Toluene	7.43	91	762694	19.474	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	214954	20.750	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	115049	18.970	ug/L	99
47) Tetrachloroethene	8.02	164	175389	19.718	ug/L	98
48) 2-Hexanone	8.19	43	631170	188.783	ug/L	98
49) Dibromochloromethane	8.29	129	161559	21.412	ug/L	98
50) 1,2-Dibromoethane	8.40	107	112679	19.601	ug/L	100
51) Chlorobenzene	8.92	112	502974	19.478	ug/L	99
52) Ethylbenzene	9.05	91	902636	20.149	ug/L	100
53) m,p-xylene	9.18	106	344659	20.285	ug/L	96
54) o-xylene	9.59	106	334768	20.632	ug/L	95
55) Styrene	9.60	104	564655	20.731	ug/L	97
56) Isopropylbenzene	9.97	105	928062	20.542	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	127391	19.288	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	97234	19.165	ug/L	98
61) Bromoform	9.77	173	91815	20.859	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	449864	19.126	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	445429	18.406	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	404876	18.824	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	25150	19.842	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	377796	19.160	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	319250	20.101	ug/L	99
69) Naphthalene	13.55	128	476661	20.332	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	281457	19.643	ug/L	99

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

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