

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081319\
 Data File : VV012218.D
 Acq On : 13 Aug 2019 16:23
 Operator : SY/MD
 Sample : VSTD02033
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02033

Quant Time: Aug 14 02:05:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 14 02:01:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	228348	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219712	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	114534	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	261220	25.42	ug/L	0.00
7) Chloroethane-d5	1.58	69	208372	26.70	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	483882	24.24	ug/L	0.00
20) 2-Butanone-d5	3.96	46	654305	252.44	ug/L	0.00
24) Chloroform-d	4.40	84	548779	19.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	255613	18.00	ug/L	0.00
32) Benzene-d6	5.09	84	1112069	20.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	322087	22.13	ug/L	0.00
41) Toluene-d8	7.36	98	1056271	19.67	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	132288	18.51	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	512381	223.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	232860	19.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	377170	18.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	447589	20.567	ug/L 100
3) Chloromethane	1.25	50	396834	33.952	ug/L 99
5) Vinyl chloride	1.32	62	404840	31.012	ug/L 99
6) Bromomethane	1.53	94	235834	31.568	ug/L 96
8) Chloroethane	1.60	64	232450	31.681	ug/L 96
9) Trichlorofluoromethane	1.77	101	512186	22.679	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	280274	26.961	ug/L 99
12) 1,1-Dichloroethene	2.14	96	261510	27.354	ug/L 99
13) Acetone	2.23	43	389599	249.648	ug/L 98
14) Carbon disulfide	2.31	76	802927	29.842	ug/L 100
15) Methyl Acetate	2.47	43	99313	28.351	ug/L 97
16) Methylene chloride	2.53	84	259917	25.341	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	745254	23.324	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	344422	24.603	ug/L 96
19) 1,1-Dichloroethane	3.23	63	616847	26.050	ug/L 98
21) 2-Butanone	4.04	43	862228	303.249	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	374130	24.070	ug/L 97
23) Bromochloromethane	4.30	128	155303	21.383	ug/L 97
25) Chloroform	4.42	83	631865	21.548	ug/L 98
27) 1,2-Dichloroethane	5.18	62	377218	21.737	ug/L 99
29) 1,1,1-Trichloroethane	4.65	97	559542	20.497	ug/L 99
30) Cyclohexane	4.72	56	593601	28.201	ug/L 100
31) Carbon tetrachloride	4.87	117	507790	19.449	ug/L 99
33) Benzene	5.14	78	1403492	24.799	ug/L 100
34) Trichloroethene	5.96	95	364815	22.252	ug/L 97
35) Methylcyclohexane	6.17	83	629169	24.388	ug/L 98
37) 1,2-Dichloropropane	6.22	63	340897	26.647	ug/L 100
38) Bromodichloromethane	6.55	83	444355	21.845	ug/L 98
39) cis-1,3-Dichloropropene	7.07	75	525295	24.077	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	2070414	286.254	ug/L 98

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42) Toluene	7.43	91	1536202	23.659	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	409138	23.927	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	235370	22.856	ug/L	98
47) Tetrachloroethene	8.02	164	309946	20.222	ug/L	99
48) 2-Hexanone	8.18	43	1464204	287.702	ug/L	98
49) Dibromochloromethane	8.29	129	299108	20.272	ug/L	95
50) 1,2-Dibromoethane	8.40	107	225264	22.227	ug/L	99
51) Chlorobenzene	8.92	112	966935	22.258	ug/L	98
52) Ethylbenzene	9.05	91	1728761	23.873	ug/L	100
53) m,p-xylene	9.18	106	668208	23.599	ug/L	99
54) o-xylene	9.59	106	642938	23.577	ug/L	96
55) Styrene	9.60	104	1087230	23.871	ug/L	99
56) Isopropylbenzene	9.97	105	1717245	22.935	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	277423	24.231	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	200311	22.863	ug/L	100
61) Bromoform	9.77	173	160313	18.522	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	793254	21.879	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	779953	21.525	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	721982	21.545	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	45005	21.283	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	619862	20.563	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	515714	21.029	ug/L	99
69) Naphthalene	13.55	128	855043	21.859	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	467867	19.946	ug/L	98

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

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