

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011905.D
 Acq On : 17 Jul 2019 11:58
 Operator : SY/MD
 Sample : VSTD02034
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02034

Quant Time: Jul 18 01:26:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 01:22:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	171235	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	166389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84879	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	258405	20.23	ug/L	0.00
7) Chloroethane-d5	1.58	69	199992	19.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	441554	22.58	ug/L	0.00
20) 2-Butanone-d5	3.95	46	712000	253.30	ug/L	0.00
24) Chloroform-d	4.40	84	526932	22.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	272679	22.87	ug/L	0.00
32) Benzene-d6	5.10	84	1048922	22.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	318449	22.40	ug/L	0.00
41) Toluene-d8	7.36	98	977708	23.22	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	129410	24.84	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	569480	275.12	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	216638	24.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	349654	22.18	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	359796	21.121	ug/L 100
3) Chloromethane	1.25	50	344904	20.651	ug/L 99
5) Vinyl chloride	1.32	62	334402	20.587	ug/L 99
6) Bromomethane	1.54	94	193090	20.860	ug/L 98
8) Chloroethane	1.60	64	176640	18.259	ug/L 97
9) Trichlorofluoromethane	1.77	101	415497	19.875	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	212517	22.143	ug/L 100
12) 1,1-Dichloroethene	2.14	96	195281	22.269	ug/L 97
13) Acetone	2.22	43	332149	209.799	ug/L 100
14) Carbon disulfide	2.32	76	593232	25.298	ug/L 99
15) Methyl Acetate	2.47	43	69122	18.944	ug/L 98
16) Methylene chloride	2.53	84	172257	18.768	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	588511	21.808	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	276322	22.389	ug/L 100
19) 1,1-Dichloroethane	3.23	63	502352	21.439	ug/L 98
21) 2-Butanone	4.04	43	690029	224.218	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	286638	21.858	ug/L 99
23) Bromochloromethane	4.30	128	112871	20.440	ug/L 97
25) Chloroform	4.43	83	506538	19.732	ug/L 94
27) 1,2-Dichloroethane	5.18	62	320547	21.575	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	439947	20.805	ug/L 99
30) Cyclohexane	4.72	56	487974	22.217	ug/L 99
31) Carbon tetrachloride	4.87	117	388528	21.600	ug/L 99
33) Benzene	5.15	78	1100997	21.040	ug/L 100
34) Trichloroethene	5.96	95	295935	19.915	ug/L 99
35) Methylcyclohexane	6.18	83	495543	22.914	ug/L 98
37) 1,2-Dichloropropane	6.22	63	274881	21.083	ug/L 100
38) Bromodichloromethane	6.56	83	339847	21.807	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	419094	23.868	ug/L 99
40) 4-Methyl-2-pentanone	7.28	43	1727820	224.541	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1196303	21.947	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	326364	23.605	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	176118	20.271	ug/L	99
47) Tetrachloroethene	8.02	164	226028	20.797	ug/L	99
48) 2-Hexanone	8.18	43	1223955	220.821	ug/L	99
49) Dibromochloromethane	8.29	129	212738	22.184	ug/L	99
50) 1,2-Dibromoethane	8.40	107	168978	21.021	ug/L	98
51) Chlorobenzene	8.92	112	737107	20.943	ug/L	99
52) Ethylbenzene	9.05	91	1357616	22.533	ug/L	100
53) m,p-xylene	9.18	106	509468	22.900	ug/L	99
54) o-xylene	9.59	106	490133	23.151	ug/L	96
55) Styrene	9.60	104	834137	23.374	ug/L	99
56) Isopropylbenzene	9.97	105	1333437	23.063	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	193620	22.721	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	155707	20.265	ug/L	97
61) Bromoform	9.78	173	107866	23.118	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	576384	21.136	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	580517	20.542	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	532162	20.620	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	32929	20.927	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	458094	21.383	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	382284	22.430	ug/L	99
69) Naphthalene	13.55	128	660724	26.206	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	347937	22.581	ug/L	98

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

