

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071219\
 Data File : VV011862.D
 Acq On : 12 Jul 2019 10:34
 Operator : SY/MD
 Sample : VSTD0.535
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.535

Quant Time: Jul 13 03:39:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 13 03:37:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	193425	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	189343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	85858	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7717	0.60	ug/L	0.00
7) Chloroethane-d5	1.58	69	6026	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	11298	0.45	ug/L	0.00
20) 2-Butanone-d5	3.96	46	15230	4.97	ug/L	0.00
24) Chloroform-d	4.40	84	14291	0.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	6733	0.52	ug/L	0.00
32) Benzene-d6	5.10	84	24313	0.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	7757	0.50	ug/L	0.00
41) Toluene-d8	7.36	98	20675	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2552	0.47	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	8006	3.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	4366	0.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	7975	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	9819	0.535	ug/L 99
3) Chloromethane	1.25	50	10022	0.545	ug/L 98
5) Vinyl chloride	1.32	62	9465	0.546	ug/L 98
6) Bromomethane	1.54	94	5621	0.606	ug/L 97
8) Chloroethane	1.60	64	5773	0.582	ug/L 97
9) Trichlorofluoromethane	1.77	101	10633	0.466	ug/L 94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5401	0.423	ug/L 95
12) 1,1-Dichloroethene	2.14	96	4769	0.403	ug/L 92
13) Acetone	2.21	43	9754	4.464	ug/L 95
14) Carbon disulfide	2.32	76	12861	0.403	ug/L 100
15) Methyl Acetate	2.47	43	2386	0.387	ug/L 100
16) Methylene chloride	2.53	84	6868	0.494	ug/L 91
17) Methyl tert-butyl Ether	2.81	73	14976	0.501	ug/L 95
18) trans-1,2-Dichloroethene	2.79	96	6992	0.528	ug/L 89
19) 1,1-Dichloroethane	3.23	63	13623	0.532	ug/L 99
21) 2-Butanone	4.05	43	15417	4.409	ug/L 93
22) cis-1,2-Dichloroethene	3.96	96	7488	0.533	ug/L 100
23) Bromochloromethane	4.30	128	3285	0.561	ug/L 96
25) Chloroform	4.42	83	16646	0.600	ug/L 99
27) 1,2-Dichloroethane	5.18	62	8538	0.505	ug/L 99
29) 1,1,1-Trichloroethane	4.66	97	12201	0.549	ug/L 97
30) Cyclohexane	4.72	56	11994	0.512	ug/L 97
31) Carbon tetrachloride	4.87	117	9439	0.494	ug/L 99
33) Benzene	5.14	78	26528	0.474	ug/L 100
34) Trichloroethene	5.96	95	8596	0.578	ug/L 95
35) Methylcyclohexane	6.17	83	10649	0.442	ug/L 93
37) 1,2-Dichloropropane	6.22	63	6939	0.483	ug/L # 92
38) Bromodichloromethane	6.56	83	8404	0.494	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	8344	0.427	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	36176	4.072	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	26020	0.436	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	6320	0.423	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	4728	0.508	ug/L	98
47) Tetrachloroethene	8.02	164	5624	0.485	ug/L	94
48) 2-Hexanone	8.19	43	24972	3.983	ug/L	98
49) Dibromochloromethane	8.29	129	4592	0.464	ug/L	99
50) 1,2-Dibromoethane	8.40	107	4108	0.477	ug/L #	96
51) Chlorobenzene	8.92	112	19150	0.507	ug/L	99
52) Ethylbenzene	9.05	91	28597	0.432	ug/L	98
53) m,p-xylene	9.18	106	10460	0.430	ug/L	88
54) o-xylene	9.59	106	9387	0.402	ug/L	97
55) Styrene	9.60	104	14944	0.381	ug/L	98
56) Isopropylbenzene	9.97	105	26467	0.419	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	3895	0.354	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	4195	0.503	ug/L	96
61) Bromoform	9.77	173	2047	0.442	ug/L #	90
62) 1,3-Dichlorobenzene	11.22	146	12881	0.483	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	13691	0.501	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	12284	0.487	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	907	0.571	ug/L #	77
67) 1,3,5-Trichlorobenzene	12.69	180	10202	0.493	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	7260	0.436	ug/L	99
69) Naphthalene	13.55	128	8836	0.336	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.80	180	6582	0.427	ug/L	99

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

