

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011500.D
 Acq On : 14 Jun 2019 17:36
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00533

Quant Time: Jun 14 18:24:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 11:52:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	186573	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	172957	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	77935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67995	4.81	ug/L	0.00
7) Chloroethane-d5	1.58	69	41679	3.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	128790	4.56	ug/L	0.00
20) 2-Butanone-d5	3.96	46	195539	61.44	ug/L	-0.02
24) Chloroform-d	4.40	84	131529	5.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	73708	5.48	ug/L	0.00
32) Benzene-d6	5.09	84	250567	4.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	79397	4.98	ug/L	0.00
41) Toluene-d8	7.36	98	223442	4.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	26141	4.30	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	157955	61.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58719	5.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	74067	4.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	82818	4.501	ug/L 99
3) Chloromethane	1.25	50	85798	4.823	ug/L 99
5) Vinyl chloride	1.32	62	87741	5.112	ug/L 93
6) Bromomethane	1.53	94	34610	3.875	ug/L 98
8) Chloroethane	1.59	64	38545	3.514	ug/L 94
9) Trichlorofluoromethane	1.76	101	99073	4.204	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	55562	4.594	ug/L 96
12) 1,1-Dichloroethene	2.13	96	56502	4.807	ug/L 94
13) Acetone	2.21	43	126931	59.480	ug/L 98
14) Carbon disulfide	2.31	76	153024	4.291	ug/L 100
15) Methyl Acetate	2.47	43	34527	6.092	ug/L 95
16) Methylene chloride	2.53	84	63238	5.221	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	173726	5.536	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	65884	5.006	ug/L 95
19) 1,1-Dichloroethane	3.22	63	134768	5.191	ug/L 98
21) 2-Butanone	4.04	43	211268	64.286	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	72119	4.948	ug/L 98
23) Bromochloromethane	4.30	128	28195	5.046	ug/L 93
25) Chloroform	4.42	83	135985	5.072	ug/L 99
27) 1,2-Dichloroethane	5.18	62	94351	5.759	ug/L 99
29) 1,1,1-Trichloroethane	4.65	97	109220	4.951	ug/L 98
30) Cyclohexane	4.72	56	107425	4.392	ug/L 100
31) Carbon tetrachloride	4.87	117	88986	4.826	ug/L 99
33) Benzene	5.14	78	285670	5.191	ug/L 100
34) Trichloroethene	5.96	95	72351	5.089	ug/L 98
35) Methylcyclohexane	6.17	83	102158	4.345	ug/L 99
37) 1,2-Dichloropropane	6.22	63	72607	5.301	ug/L 100
38) Bromodichloromethane	6.55	83	85898	5.072	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	96040	4.792	ug/L 96
40) 4-Methyl-2-pentanone	7.28	43	540259	61.936	ug/L 99

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42) Toluene	7.43	91	297028	5.064	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	72775	4.776	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	49442	5.639	ug/L	97
47) Tetrachloroethene	8.02	164	50183	4.884	ug/L	96
48) 2-Hexanone	8.19	43	383995	63.121	ug/L	98
49) Dibromochloromethane	8.29	129	51349	5.156	ug/L	98
50) 1,2-Dibromoethane	8.40	107	45827	5.498	ug/L	98
51) Chlorobenzene	8.92	112	178485	4.990	ug/L	99
52) Ethylbenzene	9.05	91	309153	4.746	ug/L	99
53) m,p-xylene	9.18	106	115215	4.783	ug/L	100
54) o-xylene	9.59	106	115340	4.879	ug/L	97
55) Styrene	9.60	104	192127	4.990	ug/L	97
56) Isopropylbenzene	9.97	105	289865	4.555	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	60607	5.701	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	46163	5.778	ug/L	98
61) Bromoform	9.77	173	23796	5.083	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	123958	4.810	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	126792	5.068	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	125060	5.250	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8773	5.140	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	90671	4.891	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	72919	5.180	ug/L	97
69) Naphthalene	13.55	128	141066	6.123	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	70844	5.613	ug/L	98

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

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