

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011499.D
 Acq On : 14 Jun 2019 17:08
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00132

Quant Time: Jun 14 18:27:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 18:24:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173407	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	158478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14408	1.10	ug/L	0.00
7) Chloroethane-d5	1.58	69	8678	0.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	27550	1.05	ug/L	0.00
20) 2-Butanone-d5	3.96	46	40345	13.64	ug/L	0.00
24) Chloroform-d	4.40	84	26109	1.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	14257	1.14	ug/L	0.00
32) Benzene-d6	5.10	84	50200	1.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	16352	1.12	ug/L	0.00
41) Toluene-d8	7.36	98	44677	1.03	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	4801	0.86	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	27892	11.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	11798	1.18	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	14195	1.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	16632	0.973 ug/L	99
3) Chloromethane	1.25	50	18650	1.128 ug/L	99
5) Vinyl chloride	1.32	62	18456	1.157 ug/L	97
6) Bromomethane	1.53	94	7666	0.924 ug/L	98
8) Chloroethane	1.60	64	9131	0.896 ug/L	85
9) Trichlorofluoromethane	1.76	101	21052	0.961 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	11359	1.010 ug/L	100
12) 1,1-Dichloroethene	2.13	96	11905	1.090 ug/L	95
13) Acetone	2.21	43	27349	13.789 ug/L	99
14) Carbon disulfide	2.31	76	30894	0.932 ug/L	99
15) Methyl Acetate	2.47	43	7421	1.409 ug/L	# 87
16) Methylene chloride	2.53	84	14274	1.268 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	34422	1.180 ug/L	94
18) trans-1,2-Dichloroethene	2.78	96	13248	1.083 ug/L	99
19) 1,1-Dichloroethane	3.23	63	27186	1.127 ug/L	97
21) 2-Butanone	4.05	43	41733	13.663 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	15006	1.108 ug/L	99
23) Bromochloromethane	4.30	128	6271	1.208 ug/L	89
25) Chloroform	4.42	83	27247	1.093 ug/L	100
27) 1,2-Dichloroethane	5.18	62	18897	1.241 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	20766	1.027 ug/L	97
30) Cyclohexane	4.72	56	21320	0.951 ug/L	97
31) Carbon tetrachloride	4.87	117	16217	0.960 ug/L	97
33) Benzene	5.14	78	55714	1.105 ug/L	100
34) Trichloroethene	5.96	95	14452	1.109 ug/L	92
35) Methylcyclohexane	6.17	83	18935	0.879 ug/L	97
37) 1,2-Dichloropropane	6.22	63	14521	1.157 ug/L	99
38) Bromodichloromethane	6.56	83	16136	1.040 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	17222	0.938 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	103215	12.914 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	57256	1.065	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	12519	0.897	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	10122	1.260	ug/L	96
47) Tetrachloroethene	8.02	164	10363	1.101	ug/L	96
48) 2-Hexanone	8.19	43	72507	13.008	ug/L	99
49) Dibromochloromethane	8.29	129	9002	0.986	ug/L	95
50) 1,2-Dibromoethane	8.40	107	8752	1.146	ug/L #	98
51) Chlorobenzene	8.92	112	35650	1.088	ug/L	99
52) Ethylbenzene	9.05	91	57885	0.970	ug/L	97
53) m,p-xylene	9.18	106	21147	0.958	ug/L	100
54) o-xylene	9.59	106	21270	0.982	ug/L	99
55) Styrene	9.60	104	34607	0.981	ug/L	100
56) Isopropylbenzene	9.97	105	53089	0.911	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	12071	1.239	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	9484	1.296	ug/L	98
61) Bromoform	9.77	173	4105	1.033	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	22665	1.036	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	23533	1.108	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	23778	1.176	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	1670	1.152	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	16539	1.051	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	12659	1.059	ug/L	95
69) Naphthalene	13.55	128	24904	1.273	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	12279	1.146	ug/L	98

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

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