

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008086.D
 Acq On : 05 Oct 2018 02:31
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00572

Quant Time: Oct 05 06:00:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 05 05:56:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84942	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80463	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45093	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19081	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.59	69	17918	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.14	63	45430	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.97	46	76743	56.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.06%
24) Chloroform-d	4.41	84	55101	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.09	65	26999	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	98056	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	32575	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.36	98	96652	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.67	79	11216	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	56144	54.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25794	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	40483	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	35747	5.017 ug/L	97
3) Chloromethane	1.25	50	28737	4.534 ug/L	100
5) Vinyl chloride	1.32	62	34179	5.037 ug/L	96
6) Bromomethane	1.54	94	8567	2.047 ug/L	99
8) Chloroethane	1.60	64	21422	5.234 ug/L	97
9) Trichlorofluoromethane	1.77	101	56758	5.123 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	33155	5.277 ug/L	100
12) 1,1-Dichloroethene	2.15	96	28683	5.109 ug/L	93
13) Acetone	2.22	43	47737	47.836 ug/L	99
14) Carbon disulfide	2.32	76	71866	4.722 ug/L	99
15) Methyl Acetate	2.47	43	12768	5.003 ug/L	96
16) Methylene chloride	2.54	84	31093	4.984 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	72440	5.222 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	32112	5.188 ug/L	95
19) 1,1-Dichloroethane	3.23	63	58883	5.576 ug/L	100
21) 2-Butanone	4.05	43	84202	52.961 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	35189	5.615 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	15891	5.831	ug/L	91
25) Chloroform	4.43	83	65616	5.745	ug/L	100
27) 1,2-Dichloroethane	5.19	62	39383	5.358	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	55928	5.780	ug/L	99
30) Cyclohexane	4.73	56	46095	5.068	ug/L	100
31) Carbon tetrachloride	4.88	117	50124	5.876	ug/L	100
33) Benzene	5.15	78	132241	5.740	ug/L	100
34) Trichloroethene	5.96	95	38434	5.826	ug/L	96
35) Methylcyclohexane	6.18	83	49271	4.981	ug/L	98
37) 1,2-Dichloropropane	6.23	63	35247	5.988	ug/L	100
38) Bromodichloromethane	6.56	83	43250	6.145	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	43224	5.490	ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	206682	55.945	ug/L	100
42) Toluene	7.43	91	144806	5.771	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	36061	5.510	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	24619	5.796	ug/L	98
47) Tetrachloroethene	8.02	164	32588	5.331	ug/L	96
48) 2-Hexanone	8.19	43	148565	57.820	ug/L	99
49) Dibromochloromethane	8.30	129	30684	6.328	ug/L	97
50) 1,2-Dibromoethane	8.40	107	22694	5.845	ug/L #	99
51) Chlorobenzene	8.93	112	96615	5.575	ug/L	98
52) Ethylbenzene	9.06	91	152848	5.461	ug/L	100
53) m,p-xylene	9.18	106	59517	5.584	ug/L	99
54) o-xylene	9.59	106	57131	5.549	ug/L	98
55) Styrene	9.61	104	100491	5.716	ug/L	100
56) Isopropylbenzene	9.98	105	156186	5.602	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	29592	5.932	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	20923	5.713	ug/L	99
61) Bromoform	9.78	173	16754	6.186	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	80219	5.389	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	81809	5.285	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	77109	5.494	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	4048	5.662	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	67762	5.316	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	53516	4.967	ug/L	98
69) Naphthalene	13.56	128	68961	4.576	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	51213	5.249	ug/L	100

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

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