

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062118\
 Data File : VV006386.D
 Acq On : 21 Jun 2018 10:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00576

Quant Time: Jun 22 01:20:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 21 08:31:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	340895	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	310408	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	150519	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100214	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.58	69	77120	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.14	63	185017	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	3.95	46	199799	50.54	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.08%
24) Chloroform-d	4.41	84	173017	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	81198	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.10	84	364319	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	107229	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	350136	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.67	79	39571	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.14	63	170989	39.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66660	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	124506	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	130302	5.02	ug/L	100
3) Chloromethane	1.26	50	128014	5.90	ug/L	99
5) Vinyl chloride	1.32	62	138828	5.28	ug/L	99
6) Bromomethane	1.54	94	73472	5.26	ug/L	95
8) Chloroethane	1.60	64	82092	5.59	ug/L	99
9) Trichlorofluoromethane	1.77	101	175569	5.15	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	109865	5.22	ug/L	99
12) 1,1-Dichloroethene	2.14	96	101776	5.20	ug/L	98
13) Acetone	2.20	43	133831	62.47	ug/L	94
14) Carbon disulfide	2.32	76	286054	4.36	ug/L	99
15) Methyl Acetate	2.47	43	37315	5.85	ug/L	98
16) Methylene chloride	2.54	84	112919	5.23	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	241935	5.00	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	113063	5.30	ug/L	96
19) 1,1-Dichloroethane	3.23	63	194319	5.41	ug/L	99
21) 2-Butanone	4.04	43	218222	55.99	ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	120540	5.22	ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	48426	5.23	ug/L	95
25) Chloroform	4.43	83	197251	5.32	ug/L	99
27) 1,2-Dichloroethane	5.19	62	109664	5.15	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	165699	4.83	ug/L	99
30) Cyclohexane	4.73	56	171612	4.87	ug/L	97
31) Carbon tetrachloride	4.88	117	140283	4.64	ug/L	99
33) Benzene	5.15	78	449967	5.26	ug/L	100
34) Trichloroethene	5.96	95	125415	5.37	ug/L	99
35) Methylcyclohexane	6.18	83	197776	4.93	ug/L	99
37) 1,2-Dichloropropane	6.23	63	107420	5.24	ug/L	99
38) Bromodichloromethane	6.56	83	122466	4.49	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	152427	4.56	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	524237	49.44	ug/L	99
42) Toluene	7.44	91	484650	5.13	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	116813	4.31	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	74935	5.16	ug/L	98
47) Tetrachloroethene	8.02	164	99157	5.30	ug/L	99
48) 2-Hexanone	8.19	43	374111	50.20	ug/L	98
49) Dibromochloromethane	8.30	129	79201	4.33	ug/L	98
50) 1,2-Dibromoethane	8.40	107	67823	5.02	ug/L	99
51) Chlorobenzene	8.93	112	316303	5.22	ug/L	100
52) Ethylbenzene	9.06	91	528778	5.02	ug/L	99
53) m,p-xylene	9.19	106	207498	5.05	ug/L	99
54) o-xylene	9.59	106	201452	5.02	ug/L	98
55) Styrene	9.61	104	331626	5.02	ug/L	100
56) Isopropylbenzene	9.98	105	531745	5.03	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	69204	4.16	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	58471	5.06	ug/L	99
61) Bromoform	9.78	173	38782	3.80	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	241861	5.10	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	241087	5.14	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	227012	5.19	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9744	3.39	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	191047	5.23	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	143584	5.09	ug/L	98
69) Naphthalene	13.56	128	201908	4.25	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	129876	5.01	ug/L	99

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

