

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062118\
 Data File : VV006403.D
 Acq On : 21 Jun 2018 21:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

Quant Time: Jun 22 02:23:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 01:25:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	299452	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	276554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	137045	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96782	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	1.58	69	80194	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.13	63	176079	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.80%
20) 2-Butanone-d5	3.97	46	230810	66.46	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.92%#
24) Chloroform-d	4.41	84	173965	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.09	65	86611	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.11	84	362886	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
36) 1,2-Dichloropropane-d6	6.12	67	110342	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.37	98	340609	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	7.67	79	37365	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.14	63	204179	52.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	76469	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	128175	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	117971	5.17 ug/L	100
3) Chloromethane	1.26	50	120112	6.30 ug/L	99
5) Vinyl chloride	1.32	62	130551	5.65 ug/L	100
6) Bromomethane	1.54	94	74921	6.11 ug/L	94
8) Chloroethane	1.60	64	79711	6.17 ug/L	99
9) Trichlorofluoromethane	1.77	101	157926	5.27 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	98165	5.31 ug/L	99
12) 1,1-Dichloroethene	2.14	96	95213	5.54 ug/L	96
13) Acetone	2.22	43	140797	74.82 ug/L	93
14) Carbon disulfide	2.32	76	244962	4.26 ug/L	100
15) Methyl Acetate	2.47	43	39032	6.97 ug/L	99
16) Methylene chloride	2.54	84	105762	5.57 ug/L	100
17) Methyl tert-butyl Ether	2.82	73	248069	5.83 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	104703	5.58 ug/L	97
19) 1,1-Dichloroethane	3.23	63	183088	5.81 ug/L	99
21) 2-Butanone	4.06	43	231240	67.55 ug/L	92
22) cis-1,2-Dichloroethene	3.97	96	114716	5.65 ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	47526	5.84	ug/L	99
25) Chloroform	4.44	83	188009	5.77	ug/L	97
27) 1,2-Dichloroethane	5.19	62	110108	5.89	ug/L	100
29) 1,1,1-Trichloroethane	4.67	97	152162	4.98	ug/L	100
30) Cyclohexane	4.73	56	154450	4.92	ug/L	97
31) Carbon tetrachloride	4.88	117	125186	4.65	ug/L	99
33) Benzene	5.15	78	428230	5.62	ug/L	100
34) Trichloroethene	5.96	95	117139	5.63	ug/L	97
35) Methylcyclohexane	6.18	83	174492	4.88	ug/L	100
37) 1,2-Dichloropropane	6.23	63	104117	5.70	ug/L	100
38) Bromodichloromethane	6.56	83	114680	4.71	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	143090	4.81	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	565693	59.88	ug/L	99
42) Toluene	7.44	91	455342	5.41	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	110488	4.58	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	76268	5.90	ug/L	99
47) Tetrachloroethene	8.03	164	93085	5.59	ug/L	99
48) 2-Hexanone	8.20	43	412461	62.12	ug/L	98
49) Dibromochloromethane	8.30	129	74453	4.57	ug/L	97
50) 1,2-Dibromoethane	8.40	107	69991	5.81	ug/L	97
51) Chlorobenzene	8.93	112	304295	5.63	ug/L	99
52) Ethylbenzene	9.06	91	497210	5.30	ug/L	99
53) m,p-xylene	9.19	106	195016	5.33	ug/L	97
54) o-xylene	9.59	106	188061	5.26	ug/L	99
55) Styrene	9.61	104	316822	5.38	ug/L	97
56) Isopropylbenzene	9.98	105	496090	5.27	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	74700	5.04	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	62012	6.03	ug/L	100
61) Bromoform	9.78	173	36769	3.95	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	230869	5.35	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	232180	5.44	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	223737	5.62	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9563	3.65	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	178901	5.38	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	141225	5.50	ug/L	99
69) Naphthalene	13.56	128	225966	5.23	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	134695	5.71	ug/L	100

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

