

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082718\
 Data File : VV007212.D
 Acq On : 27 Aug 2018 12:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00501

Quant Time: Aug 28 01:38:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 27 09:24:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	335226	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	334476	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	159344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	130283	5.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.20%
7) Chloroethane-d5	1.58	69	105282	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.13	63	223565	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	3.97	46	241731	44.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.76%
24) Chloroform-d	4.41	84	246363	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.09	65	118157	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	494889	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.12	67	153089	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	460884	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
43) trans-1,3-Dichloropropene-	7.67	79	53023	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.15	63	125921	39.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	113959	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	151875	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	135352	4.70	ug/L 97
3) Chloromethane	1.25	50	144196	4.59	ug/L 100
5) Vinyl chloride	1.32	62	137131	4.68	ug/L 99
6) Bromomethane	1.54	94	46577	4.84	ug/L 98
8) Chloroethane	1.60	64	84952	4.71	ug/L 100
9) Trichlorofluoromethane	1.77	101	192460	4.88	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	119537	4.85	ug/L 98
12) 1,1-Dichloroethene	2.14	96	109873	4.76	ug/L 95
13) Acetone	2.21	43	137300	43.85	ug/L 92
14) Carbon disulfide	2.32	76	312481	4.71	ug/L 100
15) Methyl Acetate	2.47	43	37515	4.62	ug/L 100
16) Methylene chloride	2.54	84	119384	4.42	ug/L 98
17) Methyl tert-butyl Ether	2.82	73	258307	4.68	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	118462	4.73	ug/L 98
19) 1,1-Dichloroethane	3.23	63	242189	5.13	ug/L 98
21) 2-Butanone	4.06	43	265267	41.15	ug/L 88
22) cis-1,2-Dichloroethene	3.97	96	132197	4.78	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082718\
 Data File : VV007212.D
 Acq On : 27 Aug 2018 12:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00501

Quant Time: Aug 28 01:38:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 27 09:24:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	60239	4.77	ug/L	91
25) Chloroform	4.43	83	240639	4.77	ug/L	99
27) 1,2-Dichloroethane	5.19	62	137761	4.81	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	202189	4.66	ug/L	98
30) Cyclohexane	4.73	56	175241	4.50	ug/L	100
31) Carbon tetrachloride	4.88	117	174943	4.81	ug/L	97
33) Benzene	5.15	78	530201	4.80	ug/L	100
34) Trichloroethene	5.96	95	127540	4.80	ug/L	96
35) Methylcyclohexane	6.18	83	186577	4.69	ug/L	98
37) 1,2-Dichloropropane	6.23	63	140787	4.72	ug/L	100
38) Bromodichloromethane	6.56	83	162981	4.71	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	166043	4.71	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	682545	47.03	ug/L	99
42) Toluene	7.44	91	537655	5.09	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	140368	4.80	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	93305	4.67	ug/L	96
47) Tetrachloroethene	8.02	164	110022	4.96	ug/L	98
48) 2-Hexanone	8.20	43	529662	48.54	ug/L	95
49) Dibromochloromethane	8.30	129	107089	4.86	ug/L	99
50) 1,2-Dibromoethane	8.40	107	84941	5.07	ug/L	97
51) Chlorobenzene	8.93	112	343507	4.93	ug/L	100
52) Ethylbenzene	9.06	91	508876	4.89	ug/L	100
53) m,p-xylene	9.19	106	197061	5.00	ug/L	96
54) o-xylene	9.59	106	183610	4.89	ug/L	96
55) Styrene	9.61	104	330524	5.16	ug/L	99
56) Isopropylbenzene	9.98	105	491985	5.04	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	113004	4.79	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	79241	4.65	ug/L	99
61) Bromoform	9.78	173	58811	4.65	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	239699	4.70	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	251734	4.71	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	240129	4.68	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	11896	4.02	ug/L	84
67) 1,3,5-Trichlorobenzene	12.70	180	185798	4.85	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	120497	4.71	ug/L	99
69) Naphthalene	13.56	128	133250	3.92	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	118845	4.75	ug/L	99

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

