

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007064.D
 Acq On : 17 Aug 2018 19:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Aug 18 03:40:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243820	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238710	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109028	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79462	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.58	69	72120	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.13	63	159131	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.80%
20) 2-Butanone-d5	3.97	46	274727	60.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.40%
24) Chloroform-d	4.41	84	187959	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.80%
26) 1,2-Dichloroethane-d4	5.09	65	96745	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
32) Benzene-d6	5.10	84	354117	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
36) 1,2-Dichloropropane-d6	6.12	67	119546	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.36	98	323946	6.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.20%
43) trans-1,3-Dichloropropene-	7.67	79	40738	5.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.60%
46) 2-Hexanone-d5	8.15	63	157099	52.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	97990	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	109643	5.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	124340	5.24	ug/L 99
3) Chloromethane	1.25	50	120387	5.27	ug/L 99
5) Vinyl chloride	1.32	62	122495	5.19	ug/L 96
6) Bromomethane	1.53	94	30727	5.99	ug/L 99
8) Chloroethane	1.60	64	73233	5.11	ug/L 98
9) Trichlorofluoromethane	1.77	101	163096	5.43	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99517	5.52	ug/L 99
12) 1,1-Dichloroethene	2.14	96	90746	5.18	ug/L 96
13) Acetone	2.21	43	150330	64.50	ug/L 98
14) Carbon disulfide	2.32	76	276012	4.78	ug/L 100
15) Methyl Acetate	2.47	43	38674	5.90	ug/L 95
16) Methylene chloride	2.54	84	103639	4.91	ug/L 96
17) Methyl tert-butyl Ether	2.82	73	235586	5.61	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	101971	5.44	ug/L 99
19) 1,1-Dichloroethane	3.23	63	179559	5.31	ug/L 98
21) 2-Butanone	4.06	43	309833	61.23	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	112879	5.31	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007064.D
 Acq On : 17 Aug 2018 19:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Aug 18 03:40:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	51559	5.95	ug/L	90
25) Chloroform	4.43	83	207782	5.61	ug/L	99
27) 1,2-Dichloroethane	5.19	62	126860	5.49	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	173042	5.44	ug/L	99
30) Cyclohexane	4.73	56	155590	4.70	ug/L	100
31) Carbon tetrachloride	4.88	117	146422	5.49	ug/L	99
33) Benzene	5.15	78	446175	5.40	ug/L	100
34) Trichloroethene	5.96	95	104580	5.27	ug/L	97
35) Methylcyclohexane	6.18	83	152780	4.80	ug/L	98
37) 1,2-Dichloropropane	6.23	63	121070	5.35	ug/L	99
38) Bromodichloromethane	6.56	83	145382	5.65	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	138754	5.07	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	686301	56.13	ug/L	98
42) Toluene	7.44	91	455129	5.73	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	118822	5.29	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	83884	5.70	ug/L	99
47) Tetrachloroethene	8.02	164	88235	5.49	ug/L	98
48) 2-Hexanone	8.20	43	534955	62.03	ug/L	95
49) Dibromochloromethane	8.30	129	93812	6.07	ug/L	100
50) 1,2-Dibromoethane	8.40	107	72905	5.86	ug/L #	99
51) Chlorobenzene	8.93	112	279303	5.51	ug/L	98
52) Ethylbenzene	9.06	91	420363	5.30	ug/L	99
53) m,p-xylene	9.19	106	156471	5.29	ug/L	99
54) o-xylene	9.59	106	150580	5.37	ug/L	97
55) Styrene	9.61	104	265758	5.62	ug/L	99
56) Isopropylbenzene	9.98	105	393653	5.35	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	105343	5.89	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	75804	5.98	ug/L	99
61) Bromoform	9.78	173	51453	6.23	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	191083	5.42	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	194878	5.39	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	198152	5.71	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12635	5.13	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	143919	5.39	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	103355	5.27	ug/L	98
69) Naphthalene	13.56	128	132460	4.71	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	100488	5.32	ug/L	99

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

