

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122819\
 Data File : VV014209.D
 Acq On : 28 Dec 2019 10:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Quant Time: Dec 30 00:25:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 28 01:05:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	935806	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	848543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	400248	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	230416	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.58	69	194659	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.13	63	424301	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.80%
20) 2-Butanone-d5	3.94	46	632553	58.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.20%
24) Chloroform-d	4.39	84	611904	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.08	65	294214	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.09	84	1254664	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.11	67	387369	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.35	98	1163138	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	7.66	79	167296	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
46) 2-Hexanone-d5	8.13	63	684284	57.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.94%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	274564	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	376830	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	365967	5.157	ug/L 98
3) Chloromethane	1.25	50	310151	4.823	ug/L 97
5) Vinyl chloride	1.32	62	316222	5.179	ug/L 99
6) Bromomethane	1.53	94	133079	4.706	ug/L 98
8) Chloroethane	1.60	64	169357	5.205	ug/L 99
9) Trichlorofluoromethane	1.77	101	416761	5.313	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	226350	5.346	ug/L 98
12) 1,1-Dichloroethene	2.14	96	218007	5.274	ug/L 97
13) Acetone	2.21	43	287629	42.833	ug/L 96
14) Carbon disulfide	2.31	76	937001	5.179	ug/L 99
15) Methyl Acetate	2.46	43	135823	6.108	ug/L 91
16) Methylene chloride	2.53	84	329405	4.727	ug/L 95
17) Methyl tert-butyl Ether	2.80	73	768553	5.020	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	330418	5.117	ug/L 99
19) 1,1-Dichloroethane	3.23	63	630990	5.270	ug/L 97
21) 2-Butanone	4.03	43	663111	53.174	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	364203	5.176	ug/L # 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122819\
 Data File : VV014209.D
 Acq On : 28 Dec 2019 10:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Quant Time: Dec 30 00:25:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 28 01:05:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	139611	5.105	ug/L	92
25) Chloroform	4.42	83	634300	5.225	ug/L	99
27) 1,2-Dichloroethane	5.17	62	352256	5.181	ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	547657	5.318	ug/L	100
30) Cyclohexane	4.72	56	613934	5.451	ug/L	98
31) Carbon tetrachloride	4.87	117	466137	5.301	ug/L	99
33) Benzene	5.14	78	1386919	5.284	ug/L	100
34) Trichloroethene	5.96	95	365419	5.197	ug/L	97
35) Methylcyclohexane	6.17	83	634838	5.418	ug/L	98
37) 1,2-Dichloropropane	6.21	63	337256	5.290	ug/L	100
38) Bromodichloromethane	6.55	83	444866	5.228	ug/L	98
39) cis-1,3-Dichloropropene	7.06	75	562652	5.393	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	2040621	51.456	ug/L	98
42) Toluene	7.42	91	1492865	5.178	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	431716	5.290	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	224438	5.161	ug/L	99
47) Tetrachloroethene	8.01	164	259264	5.275	ug/L	98
48) 2-Hexanone	8.18	43	1467898	53.523	ug/L	99
49) Dibromochloromethane	8.28	129	279397	5.038	ug/L	97
50) 1,2-Dibromoethane	8.39	107	212874	5.094	ug/L	94
51) Chlorobenzene	8.92	112	924299	5.184	ug/L	99
52) Ethylbenzene	9.05	91	1706162	5.330	ug/L	100
53) m,p-xylene	9.18	106	639672	5.318	ug/L	97
54) o-xylene	9.58	106	615792	5.242	ug/L	98
55) Styrene	9.60	104	1016368	5.155	ug/L	97
56) Isopropylbenzene	9.97	105	1654571	5.371	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	270303	5.156	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	195877	5.026	ug/L	99
61) Bromoform	9.77	173	142186	4.867	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	691136	5.217	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	696349	5.257	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	623289	5.132	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	49152	4.914	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	510619	5.293	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	440664	5.208	ug/L	98
69) Naphthalene	13.55	128	798551	5.182	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	386898	5.238	ug/L	99

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

