

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014346.D
 Acq On : 17 Jan 2020 19:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: Jan 17 22:56:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	782004	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	711974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	338378	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	229094	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	171169	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.13	63	388133	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.94	46	686187	52.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	4.40	84	513570	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	251920	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	1064692	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	335935	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	963784	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.66	79	131562	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.13	63	606789	49.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.36%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	227249	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	308828	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	281998	4.783	ug/L 97
3) Chloromethane	1.26	50	300919	5.135	ug/L 99
5) Vinyl chloride	1.32	62	291513	5.326	ug/L 99
6) Bromomethane	1.54	94	143772	4.630	ug/L 100
8) Chloroethane	1.60	64	152061	4.945	ug/L 100
9) Trichlorofluoromethane	1.77	101	367915	5.695	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	199196	5.692	ug/L 97
12) 1,1-Dichloroethene	2.14	96	199316	5.705	ug/L 95
13) Acetone	2.20	43	332637	36.749	ug/L 97
14) Carbon disulfide	2.32	76	792783	5.114	ug/L 100
15) Methyl Acetate	2.47	43	108559	5.152	ug/L 96
16) Methylene chloride	2.54	84	288743	5.077	ug/L 93
17) Methyl tert-butyl Ether	2.80	73	656697	5.079	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	282362	5.377	ug/L 97
19) 1,1-Dichloroethane	3.23	63	556518	5.407	ug/L 97
21) 2-Butanone	4.02	43	690673	50.869	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	312630	5.430	ug/L 91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014346.D
 Acq On : 17 Jan 2020 19:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: Jan 17 22:56:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	113853	5.202	ug/L	88
25) Chloroform	4.43	83	562838	5.711	ug/L	99
27) 1,2-Dichloroethane	5.18	62	306187	5.193	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	463095	5.464	ug/L	99
30) Cyclohexane	4.72	56	531995	5.685	ug/L	97
31) Carbon tetrachloride	4.87	117	392147	5.403	ug/L	98
33) Benzene	5.15	78	1209084	5.514	ug/L	100
34) Trichloroethene	5.96	95	321615	5.708	ug/L	97
35) Methylcyclohexane	6.17	83	522884	5.676	ug/L	96
37) 1,2-Dichloropropane	6.22	63	300786	5.435	ug/L	100
38) Bromodichloromethane	6.55	83	373622	5.235	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	459678	5.130	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1814514	52.010	ug/L	99
42) Toluene	7.43	91	1277200	5.518	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	341611	4.965	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	188675	5.337	ug/L	98
47) Tetrachloroethene	8.02	164	211398	5.492	ug/L	98
48) 2-Hexanone	8.18	43	1265543	52.445	ug/L	98
49) Dibromochloromethane	8.29	129	230450	5.156	ug/L	98
50) 1,2-Dibromoethane	8.39	107	173469	5.067	ug/L	93
51) Chlorobenzene	8.92	112	773185	5.432	ug/L	98
52) Ethylbenzene	9.05	91	1457194	5.628	ug/L	99
53) m,p-xylene	9.18	106	536340	5.615	ug/L	97
54) o-xylene	9.58	106	515758	5.490	ug/L	94
55) Styrene	9.60	104	865940	5.442	ug/L	96
56) Isopropylbenzene	9.97	105	1395145	5.694	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	218904	5.021	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	171619	5.204	ug/L	99
61) Bromoform	9.77	173	111359	4.855	ug/L	95
62) 1,3-Dichlorobenzene	11.22	146	571932	5.406	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	577789	5.493	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	521042	5.454	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	39152	4.459	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	411407	5.348	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	353880	5.245	ug/L	99
69) Naphthalene	13.55	128	665783	4.857	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	314421	5.296	ug/L	100

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

