

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010320\
 Data File : VV014253.D
 Acq On : 03 Jan 2020 13:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00548

Quant Time: Jan 03 22:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 03 07:49:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	872258	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	787173	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	366726	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	288492	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	212452	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.13	63	431627	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	3.96	46	696048	47.48	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.96%
24) Chloroform-d	4.40	84	583922	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.08	65	283499	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.09	84	1185634	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.11	67	363439	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.35	98	1076316	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.66	79	159689	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.13	63	652873	47.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	249337	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	339207	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	342142	5.203	ug/L 99
3) Chloromethane	1.25	50	308958	4.727	ug/L 99
5) Vinyl chloride	1.32	62	294869	4.830	ug/L 99
6) Bromomethane	1.54	94	161946	4.676	ug/L 99
8) Chloroethane	1.60	64	156983	4.577	ug/L 99
9) Trichlorofluoromethane	1.77	101	369626	5.129	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	199266	5.105	ug/L 94
12) 1,1-Dichloroethene	2.14	96	187852	4.820	ug/L 96
13) Acetone	2.24	43	364993	36.152	ug/L 93
14) Carbon disulfide	2.32	76	834427	4.825	ug/L 100
15) Methyl Acetate	2.48	43	101255	4.308	ug/L 98
16) Methylene chloride	2.53	84	315013	4.966	ug/L 91
17) Methyl tert-butyl Ether	2.81	73	664491	4.607	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	282365	4.820	ug/L 95
19) 1,1-Dichloroethane	3.23	63	543683	4.735	ug/L 97
21) 2-Butanone	4.05	43	690109	45.569	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	310077	4.829	ug/L # 93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010320\
 Data File : VV014253.D
 Acq On : 03 Jan 2020 13:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00548

Quant Time: Jan 03 22:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 03 07:49:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	114822	4.704	ug/L	93
25) Chloroform	4.42	83	526490	4.790	ug/L	98
27) 1,2-Dichloroethane	5.18	62	312066	4.746	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	464847	4.961	ug/L	99
30) Cyclohexane	4.72	56	548025	5.297	ug/L	97
31) Carbon tetrachloride	4.87	117	406923	5.071	ug/L	99
33) Benzene	5.14	78	1193271	4.922	ug/L	100
34) Trichloroethene	5.96	95	306446	4.919	ug/L	99
35) Methylcyclohexane	6.17	83	538741	5.289	ug/L	96
37) 1,2-Dichloropropane	6.22	63	294225	4.808	ug/L	99
38) Bromodichloromethane	6.55	83	379360	4.808	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	474158	4.786	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1763017	45.706	ug/L	99
42) Toluene	7.43	91	1254021	4.900	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	361002	4.745	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	180801	4.625	ug/L	97
47) Tetrachloroethene	8.01	164	214206	5.033	ug/L	97
48) 2-Hexanone	8.18	43	1237866	46.397	ug/L	97
49) Dibromochloromethane	8.28	129	230575	4.666	ug/L	96
50) 1,2-Dibromoethane	8.39	107	176905	4.673	ug/L #	96
51) Chlorobenzene	8.92	112	760132	4.830	ug/L	98
52) Ethylbenzene	9.05	91	1439871	5.030	ug/L	99
53) m,p-xylene	9.18	106	528452	5.004	ug/L	99
54) o-xylene	9.58	106	515924	4.968	ug/L	98
55) Styrene	9.60	104	862266	4.901	ug/L	97
56) Isopropylbenzene	9.97	105	1366785	5.045	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	226557	4.700	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	167077	4.582	ug/L	100
61) Bromoform	9.77	173	118586	4.771	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	567196	4.947	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	567972	4.982	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	512981	4.954	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	42815	4.499	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	418699	5.022	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	358005	4.896	ug/L	98
69) Naphthalene	13.55	128	693492	4.668	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	307969	4.786	ug/L	100

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

