

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016031.D
 Acq On : 13 May 2020 10:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Quant Time: May 14 02:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 11:26:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145560	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142479	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	70918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	49394	6.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.00%
7) Chloroethane-d5	1.58	69	45065	6.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.40%
11) 1,1-Dichloroethene-d2	2.12	63	94804	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.60%
20) 2-Butanone-d5	3.94	46	124094	55.09	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.18%
24) Chloroform-d	4.37	84	101323	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.40%
26) 1,2-Dichloroethane-d4	5.05	65	52500	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.07	84	189557	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.09	67	56958	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.33	98	179922	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
45) trans-1,3-Dichloropropene-	7.64	79	21690	5.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.80%
48) 2-Hexanone-d5	8.11	63	95228	53.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.74%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41331	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	61124	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	57317	5.139 ug/L	98
3) Chloromethane	1.25	50	59360	5.257 ug/L	100
5) Vinyl chloride	1.32	62	56843	5.264 ug/L	99
6) Bromomethane	1.53	94	34778	5.675 ug/L	96
8) Chloroethane	1.60	64	34663	4.505 ug/L	100
9) Trichlorofluoromethane	1.76	101	78827	5.322 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44826	5.358 ug/L	99
12) 1,1-Dichloroethene	2.13	96	41950	5.237 ug/L	95
13) Acetone	2.22	43	76934	51.775 ug/L	73
14) Carbon disulfide	2.31	76	136771	5.172 ug/L	100
15) Methyl Acetate	2.46	43	17939	5.224 ug/L	97
16) Methylene chloride	2.52	84	49946	5.211 ug/L	97
17) Methyl tert-butyl Ether	2.78	73	103499	4.972 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	47438	5.359 ug/L	99
19) 1,1-Dichloroethane	3.21	63	90309	5.297 ug/L	98
21) 2-Butanone	4.02	43	115514	51.046 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	49025	5.290 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016031.D
 Acq On : 13 May 2020 10:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Quant Time: May 14 02:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 11:26:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	20281	5.127	ug/L	97
25) Chloroform	4.40	83	92701	4.937	ug/L	100
27) 1,2-Dichloroethane	5.15	62	58881	5.103	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	82070	5.223	ug/L	99
30) Cyclohexane	4.70	56	80778	5.130	ug/L	99
31) Carbon tetrachloride	4.85	117	71262	5.255	ug/L	98
33) Benzene	5.12	78	195622	5.457	ug/L	100
34) Trichloroethene	5.94	95	50237	4.910	ug/L	95
35) Methylcyclohexane	6.15	83	81964	5.296	ug/L	99
37) 1,2-Dichloropropane	6.20	63	48415	5.316	ug/L	99
38) Bromodichloromethane	6.53	83	60275	5.212	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	67271	5.226	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	291191	51.298	ug/L	99
42) Toluene	7.41	91	208915	5.498	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	190090	5.450	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	188651	5.412	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	57437	5.282	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	31797	5.228	ug/L	98
49) Tetrachloroethene	7.99	164	39554	5.540	ug/L	97
50) 2-Hexanone	8.16	43	214562	53.450	ug/L	98
51) Dibromochloromethane	8.27	129	36105	5.283	ug/L	94
52) 1,2-Dibromoethane	8.37	107	29185	5.174	ug/L	98
53) Chlorobenzene	8.90	112	131776	5.393	ug/L	97
54) Ethylbenzene	9.03	91	234937	5.438	ug/L	98
55) m,p-xylene	9.16	106	88746	5.547	ug/L	98
56) o-xylene	9.56	106	84242	5.508	ug/L	98
57) Styrene	9.58	104	141711	5.539	ug/L	97
58) Isopropylbenzene	9.95	105	230165	5.477	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	37894	5.831	ug/L	100
62) Bromoform	9.75	173	17118	5.254	ug/L	96
63) 1,3-Dichlorobenzene	11.20	146	103244	5.404	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	105301	5.486	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	94061	5.439	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	6554	5.807	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	74360	5.323	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	60626	5.051	ug/L	98
70) Naphthalene	13.53	128	100178	5.247	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	54015	5.101	ug/L	99

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

