

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016143.D
 Acq On : 20 May 2020 20:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: May 21 01:44:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159423	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	153544	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35969	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	39624	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	87904	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	3.92	46	148190	60.07	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.14%
24) Chloroform-d	4.38	84	78530	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.06	65	53791	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.08	84	183574	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.10	67	59164	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.34	98	167622	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	7.65	79	20143	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
48) 2-Hexanone-d5	8.11	63	121016	62.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45481	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	65276	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	53253	4.359	ug/L	98
3) Chloromethane	1.25	50	53381	4.316	ug/L	99
5) Vinyl chloride	1.32	62	54194	4.582	ug/L	94
6) Bromomethane	1.53	94	18408	2.743	ug/L	98
8) Chloroethane	1.60	64	36082	4.282	ug/L	88
9) Trichlorofluoromethane	1.77	101	75999	4.685	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	47956	5.234	ug/L	100
12) 1,1-Dichloroethene	2.14	96	44362	5.056	ug/L	93
13) Acetone	2.20	43	77210	47.443	ug/L	69
14) Carbon disulfide	2.32	76	121366	4.190	ug/L	99
15) Methyl Acetate	2.46	43	19305	5.133	ug/L	93
16) Methylene chloride	2.53	84	51411	4.897	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	114945	5.042	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	47500	4.899	ug/L	98
19) 1,1-Dichloroethane	3.22	63	92826	4.971	ug/L	99
21) 2-Butanone	4.01	43	120703	48.701	ug/L	96
22) cis-1,2-Dichloroethene	3.95	96	51149	5.040	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016143.D
 Acq On : 20 May 2020 20:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: May 21 01:44:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	21362	4.931	ug/L	97
25) Chloroform	4.41	83	115541	5.618	ug/L	97
27) 1,2-Dichloroethane	5.16	62	59507	4.709	ug/L	99
29) 1,1,1-Trichloroethane	4.64	97	83208	4.914	ug/L	98
30) Cyclohexane	4.71	56	83883	4.944	ug/L	99
31) Carbon tetrachloride	4.86	117	68710	4.702	ug/L	100
33) Benzene	5.13	78	197710	5.118	ug/L	100
34) Trichloroethene	5.94	95	52172	4.732	ug/L	98
35) Methylcyclohexane	6.16	83	82533	4.948	ug/L	99
37) 1,2-Dichloropropane	6.20	63	49155	5.008	ug/L	99
38) Bromodichloromethane	6.53	83	60861	4.883	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	64737	4.667	ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	322345	52.694	ug/L	100
42) Toluene	7.41	91	215370	5.260	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	205969	5.479	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	205447	5.469	ug/L #	100
46) trans-1,3-Dichloropropene	7.68	75	52450	4.476	ug/L	96
47) 1,1,2-Trichloroethane	7.86	97	32422	4.947	ug/L	98
49) Tetrachloroethene	8.00	164	38672	5.027	ug/L	99
50) 2-Hexanone	8.16	43	232874	53.832	ug/L	99
51) Dibromochloromethane	8.27	129	33466	4.544	ug/L	95
52) 1,2-Dibromoethane	8.38	107	30668	5.045	ug/L	93
53) Chlorobenzene	8.90	112	136428	5.181	ug/L	97
54) Ethylbenzene	9.04	91	243170	5.223	ug/L	98
55) m,p-xylene	9.16	106	91955	5.334	ug/L	95
56) o-xylene	9.57	106	88443	5.366	ug/L	97
57) Styrene	9.58	104	149244	5.413	ug/L	99
58) Isopropylbenzene	9.95	105	243647	5.380	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	40146	5.732	ug/L	98
62) Bromoform	9.76	173	14264	3.926	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	110459	5.184	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	109481	5.115	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	100647	5.220	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	6562	5.214	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	77700	4.988	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	68114	5.089	ug/L	100
70) Naphthalene	13.53	128	232592	10.926	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	62747	5.314	ug/L	96

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

