

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055604.D
 Acq On : 17 May 2019 12:05
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN051719

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 9:10:23 AM

Quant Time: May 18 03:18:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	339615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	500672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	204771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	175849	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	7.59	113	158487	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
50) Toluene-d8	10.09	98	597193	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	210563	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	123610	47.305	ug/l	99
3) Chloromethane	2.06	50	169026	48.496	ug/l	99
4) Vinyl Chloride	2.18	62	174951	46.356	ug/l	99
5) Bromomethane	2.55	94	116765	48.547	ug/l	99
6) Chloroethane	2.70	64	101812	48.586	ug/l	99
7) Trichlorofluoromethane	3.02	101	233537	48.288	ug/l	99
8) Diethyl Ether	3.41	74	95108	48.953	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	145901	49.484	ug/l	100
10) Methyl Iodide	3.96	142	191021	44.939	ug/l	99
11) Tert butyl alcohol	4.76	59	163040	234.844	ug/l	100
12) 1,1-Dichloroethene	3.74	96	145500	46.912	ug/l	97
13) Acrolein	3.60	56	90156	254.559	ug/l	99
14) Allyl chloride	4.32	41	246075	49.145	ug/l	99
15) Acrylonitrile	4.98	53	374441	242.421	ug/l	100
16) Acetone	3.81	43	383600	252.488	ug/l	100
17) Carbon Disulfide	4.06	76	410250	47.581	ug/l	99
18) Methyl Acetate	4.32	43	158611	48.697	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	484056	47.176	ug/l	98
20) Methylene Chloride	4.55	84	162223	46.788	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	158215	47.886	ug/l	98
22) Diisopropyl ether	5.95	45	468994	47.269	ug/l	98
23) Vinyl Acetate	5.89	43	2049021	243.387	ug/l	100
24) 1,1-Dichloroethane	5.85	63	279139	47.982	ug/l	100
25) 2-Butanone	6.83	43	523371	246.376	ug/l	100
26) 2,2-Dichloropropane	6.82	77	249993	48.418	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	182651	47.474	ug/l	99
28) Bromochloromethane	7.19	49	125809	49.708	ug/l	97
29) Tetrahydrofuran	7.20	42	326797	232.206	ug/l	99
30) Chloroform	7.37	83	277993	46.552	ug/l	99
31) Cyclohexane	7.65	56	261056	47.281	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	248162	46.332	ug/l	99
36) 1,1-Dichloropropene	7.79	75	217084	48.632	ug/l	99
37) Ethyl Acetate	6.92	43	203054	50.410	ug/l	99
38) Carbon Tetrachloride	7.77	117	226751	47.537	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055604.D
 Acq On : 17 May 2019 12:05
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051719

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 9:10:23 AM

Quant Time: May 18 03:18:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	272076	50.562	ug/l	99
40) Benzene	8.04	78	643626	49.022	ug/l	99
41) Methacrylonitrile	7.18	41	102843m	59.718	ug/l	
42) 1,2-Dichloroethane	8.12	62	213011	50.102	ug/l	100
43) Isopropyl Acetate	8.16	43	342136	48.830	ug/l	100
44) Trichloroethene	8.83	130	185852	50.166	ug/l	98
45) 1,2-Dichloropropane	9.12	63	168477	48.710	ug/l	99
46) Dibromomethane	9.21	93	111402	49.210	ug/l	99
47) Bromodichloromethane	9.40	83	228237	48.105	ug/l	100
48) Methyl methacrylate	9.20	41	157934	50.429	ug/l	98
49) 1,4-Dioxane	9.20	88	60965	979.661	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	999598	243.210	ug/l	100
52) Toluene	10.16	92	406785	49.397	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	260643	51.041	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	283105	50.606	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	163542	48.240	ug/l	98
56) Ethyl methacrylate	10.43	69	257507	48.658	ug/l	99
57) 1,3-Dichloropropane	10.71	76	267709	49.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	580551	258.176	ug/l	100
59) 2-Hexanone	10.75	43	730341	252.393	ug/l	99
60) Dibromochloromethane	10.90	129	191952	49.957	ug/l	100
61) 1,2-Dibromoethane	11.00	107	167425	49.357	ug/l	98
64) Tetrachloroethene	10.63	164	166856	48.177	ug/l	98
65) Chlorobenzene	11.43	112	436810	49.183	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	172367	48.242	ug/l	99
67) Ethyl Benzene	11.51	91	779218	49.250	ug/l	100
68) m/p-Xylenes	11.62	106	591865	99.060	ug/l	100
69) o-Xylene	11.95	106	288266	49.328	ug/l	100
70) Styrene	11.96	104	492697	50.706	ug/l	99
71) Bromoform	12.13	173	151240	49.949	ug/l #	99
73) Isopropylbenzene	12.25	105	768655	53.668	ug/l	100
74) N-amyl acetate	12.07	43	288982	50.259	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	229276	51.013	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	187080m	44.773	ug/l	
77) Bromobenzene	12.53	156	198673	47.242	ug/l	98
78) n-propylbenzene	12.59	91	860628	47.328	ug/l	100
79) 2-Chlorotoluene	12.67	91	509215	52.405	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	657209	53.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	78575	48.340	ug/l	98
82) 4-Chlorotoluene	12.77	91	510852	47.680	ug/l	99
83) tert-Butylbenzene	12.99	119	562535	54.211	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	654792	53.546	ug/l	99
85) sec-Butylbenzene	13.17	105	736338	53.956	ug/l	100
86) p-Isopropyltoluene	13.29	119	688160	54.135	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	342942	49.321	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	332805	50.128	ug/l	99
89) n-Butylbenzene	13.61	91	568557	50.599	ug/l	99
90) Hexachloroethane	13.87	117	130524	53.761	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	335555	48.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43614	46.932	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
Data File : VN055604.D
Acq On : 17 May 2019 12:05
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051719

Manual Integrations
APPROVED

MMDadoda
5/20/2019 9:10:23 AM

Quant Time: May 18 03:18:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	189683	53.762	ug/l	100
94) Hexachlorobutadiene	15.01	225	127336	60.403	ug/l	99
95) Naphthalene	15.13	128	493659	46.489	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	190335	51.594	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
Data File : VN055604.D
Acq On : 17 May 2019 12:05
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051719

Manual Integrations
APPROVED

MMDadoda
5/20/2019 9:10:23 AM

Quant Time: May 18 03:18:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

