

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055631.D
 Acq On : 17 May 2019 23:27
 Operator : JC/SP
 Sample : K2902-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FM-EA-3MW01-051519MS

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 9:09:14 AM

Quant Time: May 18 04:24:15 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	7.67	168	330533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	505196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	449092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	209912	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	183619	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.36%		
35) Dibromofluoromethane	7.59	113	165518	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.16%		
50) Toluene-d8	10.09	98	615910	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.52%		
62) 4-Bromofluorobenzene	12.40	95	216555	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.36%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	118820	46.722	ug/l	98
3) Chloromethane	2.06	50	161521	47.617	ug/l	99
4) Vinyl Chloride	2.18	62	176800	48.133	ug/l	99
5) Bromomethane	2.56	94	113630	48.541	ug/l	99
6) Chloroethane	2.71	64	101331	49.685	ug/l	99
7) Trichlorofluoromethane	3.03	101	228372	48.518	ug/l	99
8) Diethyl Ether	3.41	74	94725	50.095	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	136262	47.485	ug/l	99
10) Methyl Iodide	3.96	142	197293	47.690	ug/l	99
11) Tert butyl alcohol	4.77	59	177445	262.616	ug/l	97
12) 1,1-Dichloroethene	3.74	96	144125	47.745	ug/l	99
13) Acrolein	3.61	56	79980	232.153	ug/l	100
14) Allyl chloride	4.33	41	229671	47.130	ug/l	100
15) Acrylonitrile	4.99	53	387570	257.816	ug/l	100
16) Acetone	3.81	43	314041	212.383	ug/l	100
17) Carbon Disulfide	4.06	76	392189	46.736	ug/l	100
18) Methyl Acetate	4.32	43	129077	40.718	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	487796	48.846	ug/l	99
20) Methylene Chloride	4.56	84	161892	47.975	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	153301	47.673	ug/l	99
22) Diisopropyl ether	5.95	45	460286	47.666	ug/l	95
23) Vinyl Acetate	5.90	43	1606638	196.083	ug/l	99
24) 1,1-Dichloroethane	5.85	63	277615	49.031	ug/l	100
25) 2-Butanone	6.83	43	509726	246.546	ug/l	100
26) 2,2-Dichloropropane	6.83	77	166569	33.147	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	179995	48.069	ug/l	96
28) Bromochloromethane	7.20	49	125178	50.818	ug/l	100
29) Tetrahydrofuran	7.21	42	341780	249.525	ug/l	99
30) Chloroform	7.37	83	277457	47.739	ug/l	100
31) Cyclohexane	7.66	56	245583	45.701	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	248149	47.602	ug/l	99
36) 1,1-Dichloropropene	7.80	75	210767	46.794	ug/l	99
37) Ethyl Acetate	6.93	43	174787	43.004	ug/l	99
38) Carbon Tetrachloride	7.78	117	222104	46.146	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055631.D
 Acq On : 17 May 2019 23:27
 Operator : JC/SP
 Sample : K2902-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FM-EA-3MW01-051519MS

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 9:09:14 AM

Quant Time: May 18 04:24:15 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	243794	44.901	ug/l	99
40) Benzene	8.04	78	641897	48.452	ug/l	100
41) Methacrylonitrile	7.18	41	88434m	50.892	ug/l	
42) 1,2-Dichloroethane	8.13	62	211025	49.190	ug/l	100
43) Isopropyl Acetate	8.16	43	308366	43.616	ug/l	99
44) Trichloroethene	8.84	130	185219	49.547	ug/l	99
45) 1,2-Dichloropropane	9.12	63	167507	47.995	ug/l	99
46) Dibromomethane	9.21	93	111815	48.951	ug/l	98
47) Bromodichloromethane	9.40	83	227893	47.602	ug/l	99
48) Methyl methacrylate	9.20	41	158448	50.140	ug/l	98
49) 1,4-Dioxane	9.20	88	70182	1117.673	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1031877	248.815	ug/l	100
52) Toluene	10.16	92	404772	48.713	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	240829	46.739	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	263959	46.761	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	165892	48.495	ug/l	99
56) Ethyl methacrylate	10.43	69	256214	47.980	ug/l	99
57) 1,3-Dichloropropane	10.71	76	265418	48.989	ug/l	99
59) 2-Hexanone	10.75	43	730423	250.161	ug/l	99
60) Dibromochloromethane	10.90	129	192399	49.625	ug/l	100
61) 1,2-Dibromoethane	11.01	107	170773	49.893	ug/l	99
64) Tetrachloroethene	10.63	164	162978	46.011	ug/l	99
65) Chlorobenzene	11.43	112	435437	47.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	173733	47.543	ug/l	99
67) Ethyl Benzene	11.51	91	759700	46.949	ug/l	99
68) m/p-Xylenes	11.62	106	577167	94.452	ug/l	100
69) o-Xylene	11.95	106	282854	47.326	ug/l	98
70) Styrene	11.96	104	479153	48.216	ug/l	99
71) Bromoform	12.13	173	153144	49.453	ug/l #	99
73) Isopropylbenzene	12.25	105	739172	50.189	ug/l	99
74) N-amyl acetate	12.07	43	226591	38.443	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	235784	51.182	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	190491m	44.473	ug/l	
77) Bromobenzene	12.53	156	202238	46.912	ug/l	95
78) n-propylbenzene	12.59	91	809748	43.439	ug/l	99
79) 2-Chlorotoluene	12.67	91	491300	49.221	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	618733	49.133	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	68739	41.253	ug/l	98
82) 4-Chlorotoluene	12.77	91	489549	44.573	ug/l	99
83) tert-Butylbenzene	12.99	119	537166	50.298	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	610989	48.578	ug/l	100
85) sec-Butylbenzene	13.17	105	688224	48.998	ug/l	100
86) p-Isopropyltoluene	13.29	119	628415	48.026	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	330668	46.391	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	325166	47.778	ug/l	99
89) n-Butylbenzene	13.61	91	505996	43.928	ug/l	100
90) Hexachloroethane	13.87	117	123327	49.375	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	330268	46.481	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46434	48.743	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	186385	51.533	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
Data File : VN055631.D
Acq On : 17 May 2019 23:27
Operator : JC/SP
Sample : K2902-03MS
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FM-EA-3MW01-051519MS

Manual Integrations
APPROVED

MMDadoda
5/20/2019 9:09:14 AM

Quant Time: May 18 04:24:15 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)
94) Hexachlorobutadiene	15.01	225	102466	46.750	ug/l	99
95) Naphthalene	15.13	128	517723	47.521	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	185635	49.088	ug/l	100

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

