

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055511.D
 Acq On : 9 May 2019 21:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 12:44:52 PM

Quant Time: May 10 05:13:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	715898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1239631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1082625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	458123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	520793	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	7.59	113	404258	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.09	98	1592613	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	545609	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	329638	45.226	ug/l	100
3) Chloromethane	2.06	50	523572	44.216	ug/l	99
4) Vinyl Chloride	2.19	62	517266	46.277	ug/l	99
5) Bromomethane	2.54	94	273668	44.686	ug/l	99
6) Chloroethane	2.69	64	319050	49.003	ug/l	99
7) Trichlorofluoromethane	3.01	101	596559	48.649	ug/l	100
8) Diethyl Ether	3.41	74	271071	49.222	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	371224	47.582	ug/l	100
10) Methyl Iodide	3.95	142	447270	42.416	ug/l	98
11) Tert butyl alcohol	4.81	59	345073	216.817	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	377023	48.186	ug/l	99
13) Acrolein	3.61	56	222535	209.800	ug/l	98
14) Allyl chloride	4.32	41	747799	46.656	ug/l	99
15) Acrylonitrile	4.99	53	1139915	231.307	ug/l	99
16) Acetone	3.82	43	973468	195.044	ug/l	96
17) Carbon Disulfide	4.05	76	1015582	47.557	ug/l	100
18) Methyl Acetate	4.33	43	474647	45.212	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1270888	48.882	ug/l	97
20) Methylene Chloride	4.55	84	464174	45.481	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	414251	48.832	ug/l	95
22) Diisopropyl ether	5.96	45	1594790	48.964	ug/l	97
23) Vinyl Acetate	5.90	43	6270484	248.941	ug/l	100
24) 1,1-Dichloroethane	5.85	63	844705	48.043	ug/l	99
25) 2-Butanone	6.84	43	1547060	224.391	ug/l	99
26) 2,2-Dichloropropane	6.82	77	516060	47.084	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	484181	49.386	ug/l	99
28) Bromochloromethane	7.19	49	457375	50.092	ug/l	96
29) Tetrahydrofuran	7.22	42	1032885	226.618	ug/l	99
30) Chloroform	7.37	83	794302	48.869	ug/l	98
31) Cyclohexane	7.65	56	789607	45.390	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	615742	49.747	ug/l	100
36) 1,1-Dichloropropene	7.79	75	605211	49.557	ug/l	99
37) Ethyl Acetate	6.93	43	627229	47.083	ug/l	98
38) Carbon Tetrachloride	7.77	117	493537	47.993	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055511.D
 Acq On : 9 May 2019 21:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 12:44:52 PM

Quant Time: May 10 05:13:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	704334	47.302	ug/l	98
40) Benzene	8.04	78	1847087	48.733	ug/l	99
41) Methacrylonitrile	7.18	41	263802	42.665	ug/l #	81
42) 1,2-Dichloroethane	8.13	62	631093	47.393	ug/l	99
43) Isopropyl Acetate	8.17	43	981823	48.511	ug/l #	88
44) Trichloroethene	8.83	130	441247	48.927	ug/l	95
45) 1,2-Dichloropropane	9.12	63	526452	48.544	ug/l	99
46) Dibromomethane	9.21	93	307735	48.955	ug/l	99
47) Bromodichloromethane	9.40	83	601927	50.054	ug/l	96
48) Methyl methacrylate	9.20	41	474159	48.625	ug/l	99
49) 1,4-Dioxane	9.20	88	173027	910.397	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	3092282	232.312	ug/l	99
52) Toluene	10.16	92	1098152	50.679	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	607185	52.571	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	718713	52.076	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	436739	49.746	ug/l	99
56) Ethyl methacrylate	10.43	69	656162	50.247	ug/l	98
57) 1,3-Dichloropropane	10.71	76	772773	49.580	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	914695	210.171	ug/l	99
59) 2-Hexanone	10.75	43	2100973	225.065	ug/l	99
60) Dibromochloromethane	10.90	129	413687	51.826	ug/l	100
61) 1,2-Dibromoethane	11.00	107	423072	50.155	ug/l	98
64) Tetrachloroethene	10.63	164	423290	47.716	ug/l	100
65) Chlorobenzene	11.43	112	1116582	50.131	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	393122	51.268	ug/l	100
67) Ethyl Benzene	11.51	91	2071946	49.529	ug/l	100
68) m/p-Xylenes	11.62	106	1516930	101.043	ug/l	99
69) o-Xylene	11.95	106	742176	50.298	ug/l	100
70) Styrene	11.96	104	1246769	52.740	ug/l	100
71) Bromoform	12.13	173	270372	52.252	ug/l	98
73) Isopropylbenzene	12.25	105	1974050	52.377	ug/l	99
74) N-amyl acetate	12.07	43	795416	45.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	616665	50.218	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	512196m	41.069	ug/l	
77) Bromobenzene	12.53	156	453919	44.960	ug/l	97
78) n-propylbenzene	12.59	91	2250328	45.798	ug/l	100
79) 2-Chlorotoluene	12.67	91	1359604	44.399	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1675647	45.735	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	152428	45.097	ug/l	98
82) 4-Chlorotoluene	12.77	91	1340040	46.312	ug/l	98
83) tert-Butylbenzene	12.99	119	1384275	44.079	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1607661	47.844	ug/l	100
85) sec-Butylbenzene	13.17	105	1879699	45.037	ug/l	100
86) p-Isopropyltoluene	13.29	119	1606943	47.308	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	763242	48.923	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	742868	48.250	ug/l	99
89) n-Butylbenzene	13.61	91	1280316	48.627	ug/l	99
90) Hexachloroethane	13.87	117	253518	45.753	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	759770	48.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	94380	44.801	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
Data File : VN055511.D
Acq On : 9 May 2019 21:29
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/10/2019 12:44:52 PM

Quant Time: May 10 05:13:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	298531	44.360	ug/l	99
94) Hexachlorobutadiene	15.01	225	238974	51.879	ug/l	99
95) Naphthalene	15.13	128	789475	41.841	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	325634	44.571	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050919\
Data File : VN055511.D
Acq On : 9 May 2019 21:29
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/10/2019 12:44:52 PM

Quant Time: May 10 05:13:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration

