

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055509.D
 Acq On : 9 May 2019 20:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 12:44:01 PM

Quant Time: May 10 05:10:23 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	752094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1295407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1139398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	478173	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	543941	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
35) Dibromofluoromethane	7.59	113	423152	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.09	98	1653262	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	563419	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	343937	44.917	ug/l	98
3) Chloromethane	2.06	50	550192	44.228	ug/l	99
4) Vinyl Chloride	2.19	62	535628	45.613	ug/l	99
5) Bromomethane	2.55	94	254948	39.625	ug/l	99
6) Chloroethane	2.70	64	329405	48.159	ug/l	97
7) Trichlorofluoromethane	3.02	101	609030	47.276	ug/l	99
8) Diethyl Ether	3.41	74	276460	47.784	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	384797	46.948	ug/l	99
10) Methyl Iodide	3.95	142	434163	39.192	ug/l	100
11) Tert butyl alcohol	4.81	59	329384	196.999	ug/l	100
12) 1,1-Dichloroethene	3.73	96	395496	48.114	ug/l	98
13) Acrolein	3.61	56	242901	217.979	ug/l	97
14) Allyl chloride	4.32	41	779934	46.319	ug/l	99
15) Acrylonitrile	4.99	53	1187689	229.403	ug/l	99
16) Acetone	3.82	43	985044	187.865	ug/l	97
17) Carbon Disulfide	4.05	76	1079395	48.113	ug/l	99
18) Methyl Acetate	4.33	43	494010	44.782	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1320052	48.330	ug/l	96
20) Methylene Chloride	4.55	84	490564	45.754	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	429439	48.186	ug/l	97
22) Diisopropyl ether	5.96	45	1668640	48.766	ug/l	99
23) Vinyl Acetate	5.90	43	6575219	248.476	ug/l	100
24) 1,1-Dichloroethane	5.85	63	876220	47.437	ug/l	99
25) 2-Butanone	6.84	43	1589816	219.495	ug/l	100
26) 2,2-Dichloropropane	6.82	77	536840	46.623	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	501310	48.672	ug/l	100
28) Bromochloromethane	7.20	49	471867	49.192	ug/l	96
29) Tetrahydrofuran	7.22	42	1069742	223.409	ug/l	100
30) Chloroform	7.37	83	818286	47.921	ug/l	99
31) Cyclohexane	7.65	56	827696	45.290	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	638236	49.082	ug/l	99
36) 1,1-Dichloropropene	7.79	75	629745	49.345	ug/l	99
37) Ethyl Acetate	6.93	43	651038	46.766	ug/l	99
38) Carbon Tetrachloride	7.77	117	512359	47.678	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055509.D
 Acq On : 9 May 2019 20:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 12:44:01 PM

Quant Time: May 10 05:10:23 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	741006	47.622	ug/l	99
40) Benzene	8.04	78	1939848	48.976	ug/l	99
41) Methacrylonitrile	7.17	41	333368	51.594	ug/l	99
42) 1,2-Dichloroethane	8.13	62	661011	47.502	ug/l	100
43) Isopropyl Acetate	8.17	43	1032303	48.809	ug/l	98
44) Trichloroethene	8.84	130	460650	48.879	ug/l	96
45) 1,2-Dichloropropane	9.12	63	546628	48.234	ug/l	100
46) Dibromomethane	9.21	93	314543	47.884	ug/l	97
47) Bromodichloromethane	9.40	83	618370	49.207	ug/l	99
48) Methyl methacrylate	9.20	41	496415	48.715	ug/l	98
49) 1,4-Dioxane	9.20	88	162522	818.305	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	3211890	230.908	ug/l	99
52) Toluene	10.16	92	1148307	50.712	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	628425	52.067	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	749438	51.964	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	449221	48.964	ug/l	98
56) Ethyl methacrylate	10.43	69	689463	50.523	ug/l	98
57) 1,3-Dichloropropane	10.71	76	802611	49.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	971663	213.441	ug/l	99
59) 2-Hexanone	10.75	43	2155965	221.012	ug/l	99
60) Dibromochloromethane	10.90	129	436712	52.355	ug/l	99
61) 1,2-Dibromoethane	11.00	107	440567	49.980	ug/l	97
64) Tetrachloroethene	10.63	164	443698	47.524	ug/l	100
65) Chlorobenzene	11.43	112	1151370	49.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	410536	50.871	ug/l	99
67) Ethyl Benzene	11.51	91	2155748	48.965	ug/l	100
68) m/p-Xylenes	11.62	106	1568472	99.271	ug/l	100
69) o-Xylene	11.95	106	772590	49.750	ug/l	99
70) Styrene	11.96	104	1288581	51.792	ug/l	100
71) Bromoform	12.13	173	282847	51.939	ug/l #	100
73) Isopropylbenzene	12.25	105	2046505	52.005	ug/l	100
74) N-amyl acetate	12.07	43	826270	45.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	642336	50.110	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	563375m	43.278	ug/l	
77) Bromobenzene	12.53	156	466047	44.225	ug/l	97
78) n-propylbenzene	12.59	91	2325684	45.347	ug/l	100
79) 2-Chlorotoluene	12.67	91	1402945	43.893	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1733056	45.318	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	154362	43.755	ug/l	98
82) 4-Chlorotoluene	12.77	91	1369074	45.331	ug/l	99
83) tert-Butylbenzene	12.99	119	1442768	44.015	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1686051	48.073	ug/l	99
85) sec-Butylbenzene	13.17	105	1946117	44.673	ug/l	100
86) p-Isopropyltoluene	13.29	119	1679735	47.378	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	794160	48.771	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	764795	47.591	ug/l	99
89) n-Butylbenzene	13.61	91	1339135	48.729	ug/l	100
90) Hexachloroethane	13.87	117	257339	44.496	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	780901	47.984	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	97264	44.234	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
Data File : VN055509.D
Acq On : 9 May 2019 20:14
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/10/2019 12:44:01 PM

Quant Time: May 10 05:10:23 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	314833	44.787	ug/l	98
94) Hexachlorobutadiene	15.01	225	246132	51.161	ug/l	99
95) Naphthalene	15.13	128	819188	41.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	336414	44.141	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050919\
Data File : VN055509.D
Acq On : 9 May 2019 20:14
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/10/2019 12:44:01 PM

Quant Time: May 10 05:10:23 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

