

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067047.D
 Acq On : 7 May 2021 11:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:24:04 PM

Quant Time: May 07 15:50:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.587	168	434002	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.518	114	699467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	668249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	332238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	336144	49.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.42%		
35) Dibromofluoromethane	7.509	113	241538	50.85	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.70%		
50) Toluene-d8	10.028	98	933401	51.60	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.20%		
62) 4-Bromofluorobenzene	12.345	95	351216	57.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	114.68%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.837	85	283948	48.44	ug/l	98
3) Chloromethane	2.038	50	391177	46.51	ug/l	99
4) Vinyl Chloride	2.164	62	389742	48.27	ug/l	100
5) Bromomethane	2.526	94	190889	44.44	ug/l	99
6) Chloroethane	2.665	64	224668	47.20	ug/l	99
7) Trichlorofluoromethane	2.977	101	453621	47.33	ug/l	99
8) Diethyl Ether	3.357	74	153938	44.71	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.695	101	227865	46.74	ug/l	94
10) Methyl Iodide	3.886	142	200893	31.27	ug/l	# 88
11) Tert butyl alcohol	4.698	59	204619	212.15	ug/l	# 86
12) 1,1-Dichloroethene	3.677	96	209713	44.19	ug/l	88
13) Acrolein	3.545	56	92100	114.77	ug/l	96
14) Allyl chloride	4.248	41	381175	40.06	ug/l	98
15) Acrylonitrile	4.892	53	644400	225.12	ug/l	98
16) Acetone	3.752	43	576993	240.10	ug/l	97
17) Carbon Disulfide	3.985	76	639465	43.49	ug/l	99
18) Methyl Acetate	4.251	43	321666	46.79	ug/l	97
19) Methyl tert-butyl Ether	4.953	73	816746	48.02	ug/l	97
20) Methylene Chloride	4.470	84	274770	45.08	ug/l	92
21) trans-1,2-Dichloroethene	4.948	96	237753	46.07	ug/l	86
22) Diisopropyl ether	5.860	45	890981	46.26	ug/l	93
23) Vinyl Acetate	5.803	43	3604868	233.83	ug/l	98
24) 1,1-Dichloroethane	5.755	63	498230	44.76	ug/l	98
25) 2-Butanone	6.742	43	807414	227.87	ug/l	96
26) 2,2-Dichloropropane	6.734	77	437605	46.82	ug/l	95
27) cis-1,2-Dichloroethene	6.737	96	277405	46.90	ug/l	87
28) Bromochloromethane	7.110	49	232065	45.09	ug/l	# 79
29) Tetrahydrofuran	7.126	42	532744	226.60	ug/l	96
30) Chloroform	7.289	83	494820	46.57	ug/l	97
31) Cyclohexane	7.576	56	416980	43.39	ug/l	95
32) 1,1,1-Trichloroethane	7.488	97	424814	46.35	ug/l	97
36) 1,1-Dichloropropene	7.716	75	357538	49.08	ug/l	97
37) Ethyl Acetate	6.841	43	351081	47.29	ug/l	99
38) Carbon Tetrachloride	7.694	117	368550	48.52	ug/l	99
39) Methylcyclohexane	9.014	83	411029	50.61	ug/l	94
40) Benzene	7.965	78	1088047	47.57	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067047.D
 Acq On : 7 May 2021 11:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:24:04 PM

Quant Time: May 07 15:50:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	159243m	49.92	ug/l	
42) 1,2-Dichloroethane	8.048	62	406769	49.86	ug/l	97
43) Isopropyl Acetate	8.091	43	573198	47.55	ug/l #	89
44) Trichloroethene	8.767	130	249673	49.56	ug/l	91
45) 1,2-Dichloropropane	9.049	63	307437	48.12	ug/l	99
46) Dibromomethane	9.140	93	187180	49.67	ug/l	89
47) Bromodichloromethane	9.336	83	405307	49.75	ug/l	98
48) Methyl methacrylate	9.134	41	258246	48.35	ug/l	94
49) 1,4-Dioxane	9.132	88	76601	904.75	ug/l	91
51) 4-Methyl-2-Pentanone	9.920	43	1730994	248.41	ug/l	97
52) Toluene	10.092	92	659691	49.08	ug/l	99
53) t-1,3-Dichloropropene	10.323	75	446847	51.43	ug/l	98
54) cis-1,3-Dichloropropene	9.775	75	481787	50.24	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	263500	49.41	ug/l	96
56) Ethyl methacrylate	10.371	69	370078	44.70	ug/l	97
57) 1,3-Dichloropropane	10.647	76	463247	49.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	544661	426.48	ug/l	93
59) 2-Hexanone	10.693	43	1117651	222.99	ug/l	99
60) Dibromochloromethane	10.840	129	301978	50.57	ug/l	99
61) 1,2-Dibromoethane	10.945	107	255160	49.11	ug/l	100
64) Tetrachloroethene	10.569	164	223286	48.89	ug/l	96
65) Chlorobenzene	11.374	112	686914	48.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	266262	48.00	ug/l	98
67) Ethyl Benzene	11.454	91	1280367	50.83	ug/l	97
68) m/p-Xylenes	11.564	106	951108	101.47	ug/l	94
69) o-Xylene	11.891	106	451897	49.81	ug/l	94
70) Styrene	11.908	104	745625	46.43	ug/l	95
71) Bromoform	12.071	173	192536	48.03	ug/l #	98
73) Isopropylbenzene	12.195	105	1249406	48.48	ug/l	98
74) N-amyl acetate	12.023	43	201681	43.37	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.449	83	404663	44.79	ug/l	98
76) 1,2,3-Trichloropropane	12.498	75	379164m	47.91	ug/l	
77) Bromobenzene	12.468	156	281260	46.26	ug/l	82
78) n-propylbenzene	12.535	91	1481087	50.62	ug/l	97
79) 2-Chlorotoluene	12.618	91	882582	46.06	ug/l	94
80) 1,3,5-Trimethylbenzene	12.677	105	1086187	48.30	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.245	75	91509	37.77	ug/l	98
82) 4-Chlorotoluene	12.718	91	914519	49.58	ug/l	93
83) tert-Butylbenzene	12.937	119	893403	47.35	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	1065998	49.66	ug/l	99
85) sec-Butylbenzene	13.114	105	1234010	50.36	ug/l	97
86) p-Isopropyltoluene	13.232	119	1094271	51.96	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	522858	49.57	ug/l	97
88) 1,4-Dichlorobenzene	13.308	146	528395	49.82	ug/l	96
89) n-Butylbenzene	13.560	91	956355	50.59	ug/l	99
90) Hexachloroethane	13.814	117	190343	40.16	ug/l	98
91) 1,2-Dichlorobenzene	13.597	146	517177	49.03	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.219	75	71739	44.82	ug/l	77
93) 1,2,4-Trichlorobenzene	14.852	180	308848	55.34	ug/l	96
94) Hexachlorobutadiene	14.949	225	175863	51.48	ug/l	99
95) Naphthalene	15.072	128	794323	54.43	ug/l	100
96) 1,2,3-Trichlorobenzene	15.249	180	300452	55.54	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
Data File : VN067047.D
Acq On : 7 May 2021 11:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/10/2021 2:24:04 PM

Quant Time: May 07 15:50:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Wed May 05 07:24:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
Data File : VN067047.D
Acq On : 7 May 2021 11:09
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/10/2021 2:24:04 PM

Quant Time: May 07 15:50:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
Quant Title : SW846 8260
QLast Update : Wed May 05 07:24:52 2021
Response via : Initial Calibration

