

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067140.D
 Acq On : 18 May 2021 20:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/19/2021 4:00:14 PM

Quant Time: May 19 02:53:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.597	168	536856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	789475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	699631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.296	152	340783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	285959	49.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.62%		
35) Dibromofluoromethane	7.519	113	269367	51.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.92%		
50) Toluene-d8	10.038	98	996486	50.72	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.44%		
62) 4-Bromofluorobenzene	12.355	95	342771	52.08	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.16%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.855	85	224912	46.04	ug/l	98
3) Chloromethane	2.056	50	264940	44.70	ug/l	100
4) Vinyl Chloride	2.179	62	291894	49.22	ug/l	97
5) Bromomethane	2.523	94	192281	46.79	ug/l	97
6) Chloroethane	2.670	64	177344	50.22	ug/l	99
7) Trichlorofluoromethane	2.987	101	391332	51.01	ug/l	98
8) Diethyl Ether	3.373	74	161472	49.49	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.711	101	237172	48.36	ug/l	97
10) Methyl Iodide	3.899	142	414036	51.22	ug/l	100
11) Tert butyl alcohol	4.722	59	249303	257.87	ug/l #	83
12) 1,1-Dichloroethene	3.689	96	234235	46.40	ug/l	99
13) Acrolein	3.561	56	74308	249.62	ug/l	96
14) Allyl chloride	4.258	41	362409	46.58	ug/l	99
15) Acrylonitrile	4.907	53	585903	271.15	ug/l	97
16) Acetone	3.770	43	480582	266.61	ug/l	99
17) Carbon Disulfide	3.998	76	608467	44.99	ug/l	99
18) Methyl Acetate	4.263	43	302158	56.37	ug/l	99
19) Methyl tert-butyl Ether	4.969	73	765156	50.10	ug/l	100
20) Methylene Chloride	4.486	84	274513	46.55	ug/l	99
21) trans-1,2-Dichloroethene	4.966	96	256447	47.56	ug/l	97
22) Diisopropyl ether	5.875	45	704165	49.00	ug/l	97
23) Vinyl Acetate	5.816	43	3221812	256.84	ug/l	99
24) 1,1-Dichloroethane	5.768	63	470521	48.39	ug/l	99
25) 2-Butanone	6.755	43	795363	282.96	ug/l	98
26) 2,2-Dichloropropane	6.744	77	346178	38.71	ug/l	98
27) cis-1,2-Dichloroethene	6.750	96	314059	48.77	ug/l	96
28) Bromochloromethane	7.120	49	205069	50.83	ug/l	96
29) Tetrahydrofuran	7.136	42	478098	273.91	ug/l	100
30) Chloroform	7.299	83	495000	49.71	ug/l	99
31) Cyclohexane	7.584	56	351392	43.98	ug/l	99
32) 1,1,1-Trichloroethane	7.498	97	439831	49.06	ug/l	99
36) 1,1-Dichloropropene	7.723	75	353429	49.07	ug/l	99
37) Ethyl Acetate	6.851	43	340091	53.47	ug/l	98
38) Carbon Tetrachloride	7.704	117	392900	51.25	ug/l	99
39) Methylcyclohexane	9.021	83	388779	46.11	ug/l	99
40) Benzene	7.975	78	1094226	50.02	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067140.D
 Acq On : 18 May 2021 20:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/19/2021 4:00:14 PM

Quant Time: May 19 02:53:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.093	41	157805	61.47	ug/l	94
42) 1,2-Dichloroethane	8.058	62	360423	51.23	ug/l	100
43) Isopropyl Acetate	8.101	43	570143	54.01	ug/l	98
44) Trichloroethene	8.777	130	321404	51.68	ug/l	99
45) 1,2-Dichloropropane	9.059	63	287173	50.21	ug/l	97
46) Dibromomethane	9.150	93	199295	52.21	ug/l	98
47) Bromodichloromethane	9.346	83	401561	50.76	ug/l	100
48) Methyl methacrylate	9.145	41	250892	49.47	ug/l	98
49) 1,4-Dioxane	9.145	88	81029	1078.60	ug/l	99
51) 4-Methyl-2-Pentanone	9.928	43	1650102	259.80	ug/l	100
52) Toluene	10.102	92	713813	50.52	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	428448	50.80	ug/l	99
54) cis-1,3-Dichloropropene	9.783	75	471192	49.71	ug/l	100
55) 1,1,2-Trichloroethane	10.510	97	289434	51.57	ug/l	99
56) Ethyl methacrylate	10.378	69	416350	48.28	ug/l	99
57) 1,3-Dichloropropane	10.654	76	470090	52.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.641	63	415204	320.23	ug/l	99
59) 2-Hexanone	10.700	43	1086711	264.00	ug/l	99
60) Dibromochloromethane	10.850	129	357340	54.06	ug/l	99
61) 1,2-Dibromoethane	10.955	107	306317	53.20	ug/l	99
64) Tetrachloroethene	10.579	164	288528	46.99	ug/l	97
65) Chlorobenzene	11.384	112	791794	50.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.459	131	320039	51.74	ug/l	99
67) Ethyl Benzene	11.462	91	1317231	50.13	ug/l	99
68) m/p-Xylenes	11.574	106	1046498	103.06	ug/l	98
69) o-Xylene	11.899	106	523583	51.22	ug/l	98
70) Styrene	11.918	104	829374	52.12	ug/l	99
71) Bromoform	12.081	173	276484	51.53	ug/l #	100
73) Isopropylbenzene	12.202	105	1349138	47.40	ug/l	99
74) N-amyl acetate	12.030	43	253995	53.60	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.457	83	423457	49.09	ug/l	100
76) 1,2,3-Trichloropropane	12.505	75	369128m	51.33	ug/l	
77) Bromobenzene	12.478	156	363327	51.32	ug/l	97
78) n-propylbenzene	12.545	91	1425976	49.52	ug/l	99
79) 2-Chlorotoluene	12.626	91	871831	45.75	ug/l	98
80) 1,3,5-Trimethylbenzene	12.687	105	1109173	46.71	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.256	75	111939	48.01	ug/l	96
82) 4-Chlorotoluene	12.728	91	856684	47.07	ug/l	99
83) tert-Butylbenzene	12.948	119	1009089	45.01	ug/l	98
84) 1,2,4-Trimethylbenzene	12.993	105	1053808	48.13	ug/l	100
85) sec-Butylbenzene	13.125	105	1312694	49.02	ug/l	99
86) p-Isopropyltoluene	13.243	119	1135065	48.84	ug/l	99
87) 1,3-Dichlorobenzene	13.237	146	589559	51.29	ug/l	99
88) 1,4-Dichlorobenzene	13.318	146	610706	51.01	ug/l	98
89) n-Butylbenzene	13.572	91	815636	46.28	ug/l	100
90) Hexachloroethane	13.827	117	211062	49.62	ug/l	95
91) 1,2-Dichlorobenzene	13.607	146	577654	48.46	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.230	75	67639	53.17	ug/l	92
93) 1,2,4-Trichlorobenzene	14.865	180	332363	54.99	ug/l	98
94) Hexachlorobutadiene	14.962	225	196344	47.17	ug/l	99
95) Naphthalene	15.085	128	747117	51.49	ug/l	99
96) 1,2,3-Trichlorobenzene	15.265	180	320636	57.52	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
Data File : VN067140.D
Acq On : 18 May 2021 20:27
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/19/2021 4:00:14 PM

Quant Time: May 19 02:53:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

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

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

