

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067116.D
 Acq On : 17 May 2021 20:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/19/2021 3:58:24 PM

Quant Time: May 18 04:13:00 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	512835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	772686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	692833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	352098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	276834	49.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.94%		
35) Dibromofluoromethane	7.519	113	254602	50.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.36%		
50) Toluene-d8	10.035	98	942109	48.99	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.98%		
62) 4-Bromofluorobenzene	12.355	95	338666	52.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.16%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.852	85	236044	50.58	ug/l	98
3) Chloromethane	2.053	50	272467	48.12	ug/l	99
4) Vinyl Chloride	2.179	62	294265	51.94	ug/l	99
5) Bromomethane	2.520	94	196308	50.00	ug/l	95
6) Chloroethane	2.670	64	175933	52.15	ug/l	100
7) Trichlorofluoromethane	2.984	101	386263	52.71	ug/l	98
8) Diethyl Ether	3.370	74	160611	51.54	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.708	101	236270	50.43	ug/l	98
10) Methyl Iodide	3.901	142	413172	53.51	ug/l	99
11) Tert butyl alcohol	4.719	59	240855	260.80	ug/l #	82
12) 1,1-Dichloroethene	3.689	96	235751	48.89	ug/l	98
13) Acrolein	3.561	56	78416	276.58	ug/l	96
14) Allyl chloride	4.261	41	375269	50.49	ug/l	99
15) Acrylonitrile	4.907	53	548082	265.53	ug/l	98
16) Acetone	3.767	43	461262	267.88	ug/l	100
17) Carbon Disulfide	4.000	76	619283	47.93	ug/l	99
18) Methyl Acetate	4.263	43	281407	54.96	ug/l	99
19) Methyl tert-butyl Ether	4.969	73	753933	51.68	ug/l	99
20) Methylene Chloride	4.483	84	273493	48.54	ug/l	99
21) trans-1,2-Dichloroethene	4.963	96	254446	49.40	ug/l	99
22) Diisopropyl ether	5.875	45	710346	51.74	ug/l	97
23) Vinyl Acetate	5.813	43	3233930	269.88	ug/l	100
24) 1,1-Dichloroethane	5.768	63	472858	50.91	ug/l	99
25) 2-Butanone	6.755	43	745861	277.78	ug/l	99
26) 2,2-Dichloropropane	6.739	77	365341	42.77	ug/l	99
27) cis-1,2-Dichloroethene	6.749	96	310574	50.49	ug/l	97
28) Bromochloromethane	7.120	49	198954	51.62	ug/l	97
29) Tetrahydrofuran	7.133	42	460751	276.34	ug/l	98
30) Chloroform	7.299	83	489107	51.42	ug/l	99
31) Cyclohexane	7.584	56	360133	47.18	ug/l	99
32) 1,1,1-Trichloroethane	7.500	97	432914	50.55	ug/l	99
36) 1,1-Dichloropropene	7.723	75	357311	50.69	ug/l	100
37) Ethyl Acetate	6.851	43	327294	52.58	ug/l	99
38) Carbon Tetrachloride	7.707	117	391341	52.15	ug/l	100
39) Methylcyclohexane	9.021	83	402164	48.73	ug/l	99
40) Benzene	7.975	78	1101420	51.44	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
 Data File : VN067116.D
 Acq On : 17 May 2021 20:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/19/2021 3:58:24 PM

Quant Time: May 18 04:13:00 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	7.095	41	147507	58.70	ug/l	94
42) 1,2-Dichloroethane	8.058	62	362563	52.66	ug/l	99
43) Isopropyl Acetate	8.098	43	558781	54.08	ug/l	99
44) Trichloroethene	8.777	130	316736	52.04	ug/l	99
45) 1,2-Dichloropropane	9.059	63	285587	51.02	ug/l	98
46) Dibromomethane	9.150	93	195740	52.40	ug/l	99
47) Bromodichloromethane	9.346	83	401144	51.81	ug/l	98
48) Methyl methacrylate	9.142	41	247642	49.88	ug/l	99
49) 1,4-Dioxane	9.144	88	82485	1121.84	ug/l	97
51) 4-Methyl-2-Pentanone	9.928	43	1610019	259.01	ug/l	99
52) Toluene	10.102	92	720883	52.13	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	435184	52.72	ug/l	99
54) cis-1,3-Dichloropropene	9.785	75	474936	51.20	ug/l	98
55) 1,1,2-Trichloroethane	10.510	97	286503	52.15	ug/l	99
56) Ethyl methacrylate	10.378	69	420796	49.79	ug/l	99
57) 1,3-Dichloropropane	10.654	76	469050	53.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.641	63	398167	315.00	ug/l	100
59) 2-Hexanone	10.700	43	1058245	262.78	ug/l	100
60) Dibromochloromethane	10.850	129	351280	54.29	ug/l	100
61) 1,2-Dibromoethane	10.955	107	302076	53.60	ug/l	100
64) Tetrachloroethene	10.579	164	277572	45.65	ug/l	98
65) Chlorobenzene	11.384	112	802041	51.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.459	131	315617	51.53	ug/l	100
67) Ethyl Benzene	11.462	91	1347310	51.77	ug/l	99
68) m/p-Xylenes	11.574	106	1074845	106.89	ug/l	100
69) o-Xylene	11.899	106	538413	53.19	ug/l	99
70) Styrene	11.918	104	868710	55.13	ug/l	99
71) Bromoform	12.081	173	270551	50.94	ug/l #	99
73) Isopropylbenzene	12.202	105	1380580	46.95	ug/l	99
74) N-amyl acetate	12.030	43	316565	64.65	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.457	83	428735	48.11	ug/l	97
76) 1,2,3-Trichloropropane	12.505	75	360318m	48.49	ug/l	
77) Bromobenzene	12.478	156	366382	50.09	ug/l	99
78) n-propylbenzene	12.545	91	1474566	49.56	ug/l	99
79) 2-Chlorotoluene	12.628	91	904255	45.93	ug/l	99
80) 1,3,5-Trimethylbenzene	12.687	105	1160655	47.30	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.256	75	118670	49.15	ug/l	94
82) 4-Chlorotoluene	12.728	91	889703	47.31	ug/l	99
83) tert-Butylbenzene	12.947	119	1037092	44.77	ug/l	99
84) 1,2,4-Trimethylbenzene	12.993	105	1102824	48.75	ug/l	99
85) sec-Butylbenzene	13.124	105	1360152	49.16	ug/l	100
86) p-Isopropyltoluene	13.242	119	1190528	49.58	ug/l	99
87) 1,3-Dichlorobenzene	13.237	146	624763	52.60	ug/l	99
88) 1,4-Dichlorobenzene	13.318	146	622191	50.30	ug/l	99
89) n-Butylbenzene	13.570	91	873516	47.97	ug/l	99
90) Hexachloroethane	13.827	117	216543	49.27	ug/l	97
91) 1,2-Dichlorobenzene	13.607	146	613452	49.81	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.227	75	68417	52.05	ug/l	97
93) 1,2,4-Trichlorobenzene	14.865	180	334416	53.55	ug/l	98
94) Hexachlorobutadiene	14.964	225	206555	48.03	ug/l	99
95) Naphthalene	15.085	128	753547	50.34	ug/l	99
96) 1,2,3-Trichlorobenzene	15.265	180	318065	55.22	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051721\
Data File : VN067116.D
Acq On : 17 May 2021 20:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/19/2021 3:58:24 PM

Quant Time: May 18 04:13:00 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

