

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074710.D
 Acq On : 03 Oct 2022 15:13
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 05:31:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:26:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.933	168	230454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	384437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	450670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	297471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	273839	47.288	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.580%		
35) Dibromofluoromethane	7.863	113	198480	48.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.060%		
50) Toluene-d8	10.310	98	861033	50.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.380%		
62) 4-Bromofluorobenzene	12.604	95	264407	53.294	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	222446	46.775	ug/l	95
3) Chloromethane	2.216	50	333485	40.570	ug/l	97
4) Vinyl Chloride	2.357	62	615171	44.606	ug/l	97
5) Bromomethane	2.716	94	505772	47.093	ug/l	96
6) Chloroethane	2.893	64	541222	50.497	ug/l	100
7) Trichlorofluoromethane	3.240	101	326077	43.910	ug/l	100
8) Diethyl Ether	3.681	74	142127	43.500	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.051	101	187881	44.969	ug/l	92
10) Methyl Iodide	4.251	142	241328	47.563	ug/l	94
11) Tert butyl alcohol	5.175	59	290628	230.316	ug/l	97
12) 1,1-Dichloroethene	4.022	96	192391	46.400	ug/l	92
13) Acrolein	3.887	56	109489	188.409	ug/l	97
14) Allyl chloride	4.651	41	392829	46.136	ug/l	93
15) Acrylonitrile	5.357	53	834405	231.918	ug/l	100
16) Acetone	4.128	43	674877	213.404	ug/l	94
17) Carbon Disulfide	4.357	76	550140	45.270	ug/l	98
18) Methyl Acetate	4.669	43	468620	44.638	ug/l #	89
19) Methyl tert-butyl Ether	5.416	73	767976	46.556	ug/l	100
20) Methylene Chloride	4.904	84	237816	41.295	ug/l #	83
21) trans-1,2-Dichloroethene	5.404	96	203661	45.331	ug/l	97
22) Diisopropyl ether	6.304	45	879008	46.845	ug/l	92
23) Vinyl Acetate	6.239	43	3664139	257.236	ug/l #	92
24) 1,1-Dichloroethane	6.198	63	434621	46.719	ug/l	95
25) 2-Butanone	7.163	43	1213810	221.336	ug/l #	87
26) 2,2-Dichloropropane	7.151	77	313420	44.471	ug/l	99
27) cis-1,2-Dichloroethene	7.145	96	249491	44.446	ug/l	92
28) Bromochloromethane	7.492	49	220887	49.536	ug/l #	71
29) Tetrahydrofuran	7.516	42	858492	237.595	ug/l #	86
30) Chloroform	7.657	83	431851	47.475	ug/l	98
31) Cyclohexane	7.933	56	404939	45.253	ug/l #	81
32) 1,1,1-Trichloroethane	7.857	97	365773	46.741	ug/l	96
36) 1,1-Dichloropropene	8.063	75	330264	49.067	ug/l	96
37) Ethyl Acetate	7.239	43	507752	53.263	ug/l #	91
38) Carbon Tetrachloride	8.045	117	283958	47.706	ug/l	99
39) Methylcyclohexane	9.322	83	414269	50.810	ug/l	98
40) Benzene	8.310	78	1041986	50.776	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074710.D
 Acq On : 03 Oct 2022 15:13
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 05:31:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:26:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	236030m	52.739	ug/l	
42) 1,2-Dichloroethane	8.380	62	359505	51.184	ug/l	98
43) Isopropyl Acetate	8.416	43	763689	53.173	ug/l #	91
44) Trichloroethene	9.075	130	216340	47.750	ug/l	98
45) 1,2-Dichloropropane	9.351	63	268571	49.338	ug/l	97
46) Dibromomethane	9.439	93	175202	46.189	ug/l #	84
47) Bromodichloromethane	9.627	83	345696	50.074	ug/l	97
48) Methyl methacrylate	9.427	41	344673	52.382	ug/l #	84
49) 1,4-Dioxane	9.439	88	124407	1022.290	ug/l #	91
51) 4-Methyl-2-Pentanone	10.204	43	2649428	256.047	ug/l	89
52) Toluene	10.374	92	655625	52.512	ug/l	98
53) t-1,3-Dichloropropene	10.592	75	375624	55.205	ug/l	95
54) cis-1,3-Dichloropropene	10.063	75	405015	53.216	ug/l #	87
55) 1,1,2-Trichloroethane	10.774	97	242394	48.262	ug/l	97
56) Ethyl methacrylate	10.639	69	430750	54.485	ug/l #	80
57) 1,3-Dichloropropane	10.921	76	445545	49.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.910	63	859189	281.809	ug/l	90
59) 2-Hexanone	10.963	43	2041028	263.254	ug/l	88
60) Dibromochloromethane	11.110	129	243021	52.899	ug/l	96
61) 1,2-Dibromoethane	11.216	107	256522	51.658	ug/l	99
64) Tetrachloroethene	10.851	164	175472	47.725	ug/l	99
65) Chlorobenzene	11.645	112	649388	47.457	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.716	131	227023	50.286	ug/l	98
67) Ethyl Benzene	11.721	91	1259754	49.400	ug/l	97
68) m/p-Xylenes	11.827	106	971706	102.245	ug/l	95
69) o-Xylene	12.157	106	483905	50.732	ug/l	99
70) Styrene	12.168	104	820647	53.899	ug/l	99
71) Bromoform	12.333	173	177900	53.548	ug/l #	99
73) Isopropylbenzene	12.457	105	1266327	46.074	ug/l	97
74) N-amyl acetate	12.268	43	654204	48.152	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.704	83	456157	43.515	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	314953m	38.280	ug/l	
77) Bromobenzene	12.733	156	264512	45.020	ug/l	86
78) n-propylbenzene	12.798	91	1511668	48.040	ug/l	95
79) 2-Chlorotoluene	12.880	91	851313	45.914	ug/l	98
80) 1,3,5-Trimethylbenzene	12.933	105	1071192	48.825	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.504	75	132287	51.377	ug/l	88
82) 4-Chlorotoluene	12.980	91	869343	48.476	ug/l	96
83) tert-Butylbenzene	13.198	119	913131	46.521	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	1088694	51.523	ug/l	94
85) sec-Butylbenzene	13.374	105	1348966	48.201	ug/l	96
86) p-Isopropyltoluene	13.492	119	1105222	51.516	ug/l	97
87) 1,3-Dichlorobenzene	13.492	146	527251	47.223	ug/l	97
88) 1,4-Dichlorobenzene	13.568	146	504913	46.157	ug/l	97
89) n-Butylbenzene	13.815	91	946928	48.872	ug/l	97
90) Hexachloroethane	14.086	117	173138	47.588	ug/l	80
91) 1,2-Dichlorobenzene	13.862	146	531826	48.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.480	75	87950	45.577	ug/l	89
93) 1,2,4-Trichlorobenzene	15.127	180	228007	47.612	ug/l	99
94) Hexachlorobutadiene	15.233	225	101057	41.734	ug/l	97
95) Naphthalene	15.362	128	930901	51.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.551	180	231896	45.887	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
Data File : VN074710.D
Acq On : 03 Oct 2022 15:13
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 05:31:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 05:26:33 2022
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\VN100322\
Data File : VN074710.D
Acq On : 03 Oct 2022 15:13
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 10/04/2022
Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 04 05:31:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 05:26:33 2022
Response via : Initial Calibration

