

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077630.D
 Acq On : 09 May 2023 14:10
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050923

Quant Time: May 10 04:43:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/10/2023
 Supervised By : Mahesh Dadoda 05/10/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	661282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1177903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1084691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	465305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	383394	45.715	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.440%		
35) Dibromofluoromethane	8.172	113	341896	46.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.080%		
50) Toluene-d8	10.566	98	1343116	48.290	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.580%		
62) 4-Bromofluorobenzene	12.854	95	467550	49.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	375917	50.855	ug/l	98
3) Chloromethane	2.372	50	297263	44.613	ug/l	94
4) Vinyl Chloride	2.525	62	410743	46.580	ug/l	97
5) Bromomethane	2.960	94	337807	48.251	ug/l	99
6) Chloroethane	3.131	64	267030	43.672	ug/l	96
7) Trichlorofluoromethane	3.507	101	731833	52.946	ug/l	96
8) Diethyl Ether	3.966	74	193605	47.644	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.384	101	342689	49.617	ug/l	97
10) Methyl Iodide	4.595	142	512495	50.494	ug/l	100
11) Tert butyl alcohol	5.531	59	233178	236.352	ug/l	100
12) 1,1-Dichloroethene	4.348	96	320655	48.859	ug/l	97
13) Acrolein	4.190	56	222820	233.032	ug/l	96
14) Allyl chloride	5.037	41	320232	49.129	ug/l #	88
15) Acrylonitrile	5.725	53	604776	247.834	ug/l	99
16) Acetone	4.431	43	458141	230.040	ug/l	96
17) Carbon Disulfide	4.719	76	810380	51.349	ug/l	98
18) Methyl Acetate	5.031	43	382289	48.424	ug/l	96
19) Methyl tert-butyl Ether	5.807	73	1065618	49.345	ug/l	95
20) Methylene Chloride	5.284	84	381754	46.255	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	377650	50.873	ug/l	97
22) Diisopropyl ether	6.678	45	807273	50.169	ug/l	96
23) Vinyl Acetate	6.613	43	2517320m	282.281	ug/l	
24) 1,1-Dichloroethane	6.578	63	601267	49.291	ug/l	99
25) 2-Butanone	7.483	43	678012	232.922	ug/l	99
26) 2,2-Dichloropropane	7.495	77	596898	53.993	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	443644	49.130	ug/l	97
28) Bromochloromethane	7.819	49	207475	46.614	ug/l	90
29) Tetrahydrofuran	7.842	42	443921	248.266	ug/l	97
30) Chloroform	7.972	83	728058	50.361	ug/l	97
31) Cyclohexane	8.260	56	517206	48.256	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	671581	50.453	ug/l	97
36) 1,1-Dichloropropene	8.372	75	528378	52.118	ug/l	100
37) Ethyl Acetate	7.566	43	288297	49.733	ug/l	99
38) Carbon Tetrachloride	8.366	117	588457	53.131	ug/l	97
39) Methylcyclohexane	9.601	83	708493	56.296	ug/l	97
40) Benzene	8.607	78	1567155	51.098	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077630.D
 Acq On : 09 May 2023 14:10
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050923

Quant Time: May 10 04:43:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:52:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/10/2023
 Supervised By : Mahesh Dadoda 05/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	161095	50.863	ug/l	94
42) 1,2-Dichloroethane	8.672	62	517431	50.311	ug/l	99
43) Isopropyl Acetate	8.695	43	511839	50.359	ug/l	91
44) Trichloroethene	9.354	130	411947	51.132	ug/l	99
45) 1,2-Dichloropropane	9.624	63	356058	50.490	ug/l	97
46) Dibromomethane	9.713	93	279162	50.890	ug/l	95
47) Bromodichloromethane	9.889	83	569757	53.177	ug/l	100
48) Methyl methacrylate	9.683	41	237195	49.723	ug/l	93
49) 1,4-Dioxane	9.695	88	141742	999.103	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1473294	246.393	ug/l	95
52) Toluene	10.630	92	1116829	54.748	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	610876	58.517	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	651447	54.850	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	414899	52.455	ug/l	98
56) Ethyl methacrylate	10.877	69	538059	53.941	ug/l #	90
57) 1,3-Dichloropropane	11.166	76	659052	51.834	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	1245537	302.860	ug/l	97
59) 2-Hexanone	11.195	43	1082226	256.086	ug/l	95
60) Dibromochloromethane	11.360	129	445171	56.695	ug/l	100
61) 1,2-Dibromoethane	11.471	107	421674	54.226	ug/l	97
64) Tetrachloroethene	11.107	164	336877	52.184	ug/l	98
65) Chlorobenzene	11.895	112	1171071	52.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	411394	51.215	ug/l	99
67) Ethyl Benzene	11.966	91	2116369	54.067	ug/l	100
68) m/p-Xylenes	12.071	106	1681438	108.491	ug/l	100
69) o-Xylene	12.401	106	828736	53.349	ug/l	99
70) Styrene	12.413	104	1344827	56.526	ug/l	99
71) Bromoform	12.583	173	267219	54.817	ug/l #	99
73) Isopropylbenzene	12.695	105	2178933	52.493	ug/l	100
74) N-amyl acetate	12.495	43	463052	50.548	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.942	83	532752	46.688	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	396184m	41.259	ug/l	
77) Bromobenzene	12.983	156	449410	48.887	ug/l	95
78) n-propylbenzene	13.036	91	2472422	55.489	ug/l	99
79) 2-Chlorotoluene	13.130	91	1456821	51.334	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1815378	57.167	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	157282	52.155	ug/l	98
82) 4-Chlorotoluene	13.224	91	1429623	53.716	ug/l	100
83) tert-Butylbenzene	13.442	119	1539239	51.583	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1754916	58.805	ug/l	100
85) sec-Butylbenzene	13.618	105	2262527	56.325	ug/l	100
86) p-Isopropyltoluene	13.730	119	1832590	58.342	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	845900	52.940	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	837897	52.750	ug/l	98
89) n-Butylbenzene	14.059	91	1574669	63.261	ug/l	100
90) Hexachloroethane	14.336	117	324507	53.870	ug/l	93
91) 1,2-Dichlorobenzene	14.107	146	822470	51.773	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	99568	49.305	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	332225	49.051	ug/l	97
94) Hexachlorobutadiene	15.506	225	189430	55.812	ug/l	99
95) Naphthalene	15.642	128	1117841	47.829	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	300964	47.837	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
Data File : VN077630.D
Acq On : 09 May 2023 14:10
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050923

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

Quant Time: May 10 04:43:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
Quant Title : SW846 8260
QLast Update : Tue May 09 13:52:31 2023
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\VN050923\
Data File : VN077630.D
Acq On : 09 May 2023 14:10
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVNVN050923

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/10/2023
Supervised By :Mahesh Dadoda 05/10/2023

Quant Time: May 10 04:43:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
Quant Title : SW846 8260
QLast Update : Tue May 09 13:52:31 2023
Response via : Initial Calibration

