

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078511.D
 Acq On : 14 Jul 2023 10:34
 Operator : JC\MD
 Sample : VN0714WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS01

Quant Time: Jul 15 03:57:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	448999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	779605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	687589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	270572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	312970	51.994	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.980%			
35) Dibromofluoromethane	8.171	113	272756	51.539	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	10.571	98	1021138	51.076	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.160%			
62) 4-Bromofluorobenzene	12.853	95	313502	50.909	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	102220	18.569	ug/l	99
3) Chloromethane	2.371	50	129958	21.720	ug/l	96
4) Vinyl Chloride	2.518	62	150799	19.483	ug/l	96
5) Bromomethane	2.959	94	106770	18.696	ug/l	96
6) Chloroethane	3.124	64	102692	20.811	ug/l	97
7) Trichlorofluoromethane	3.506	101	210826	22.786	ug/l	100
8) Diethyl Ether	3.977	74	61427	19.926	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	96893	19.783	ug/l	95
10) Methyl Iodide	4.600	142	131257	19.502	ug/l	94
11) Tert butyl alcohol	5.542	59	93884	101.147	ug/l	100
12) 1,1-Dichloroethene	4.353	96	92900	19.609	ug/l	96
13) Acrolein	4.195	56	99708	109.183	ug/l	98
14) Allyl chloride	5.036	41	133010	20.546	ug/l	95
15) Acrylonitrile	5.730	53	246230	104.993	ug/l	99
16) Acetone	4.442	43	207517	110.675	ug/l	94
17) Carbon Disulfide	4.718	76	240612	17.563	ug/l	98
18) Methyl Acetate	5.036	43	160684	20.244	ug/l	91
19) Methyl tert-butyl Ether	5.812	73	314674	20.158	ug/l	99
20) Methylene Chloride	5.289	84	114862	20.639	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	104977	19.663	ug/l	92
22) Diisopropyl ether	6.689	45	300736	20.746	ug/l	95
23) Vinyl Acetate	6.618	43	943442	102.375	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	195397	20.004	ug/l	99
25) 2-Butanone	7.494	43	317074	107.427	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	163727	20.494	ug/l	94
27) cis-1,2-Dichloroethene	7.500	96	122153	19.778	ug/l	95
28) Bromochloromethane	7.818	49	90840	19.745	ug/l #	5
29) Tetrahydrofuran	7.853	42	194296	100.323	ug/l	87
30) Chloroform	7.977	83	216497	21.289	ug/l	99
31) Cyclohexane	8.271	56	155281	19.088	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	185049	20.296	ug/l	99
36) 1,1-Dichloropropene	8.377	75	155087	20.295	ug/l	96
37) Ethyl Acetate	7.577	43	127345	19.991	ug/l	94
38) Carbon Tetrachloride	8.371	117	168378	20.274	ug/l	96
39) Methylcyclohexane	9.606	83	137525	19.717	ug/l #	87
40) Benzene	8.612	78	465357	20.556	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078511.D
 Acq On : 14 Jul 2023 10:34
 Operator : JC\MD
 Sample : VN0714WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Quant Time: Jul 15 03:57:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	63157	19.449	ug/l	92
42) 1,2-Dichloroethane	8.682	62	156775	20.360	ug/l	98
43) Isopropyl Acetate	8.700	43	216786	20.671	ug/l #	93
44) Trichloroethene	9.359	130	119411	19.571	ug/l	99
45) 1,2-Dichloropropane	9.629	63	117552	20.502	ug/l	94
46) Dibromomethane	9.712	93	82619	20.473	ug/l	91
47) Bromodichloromethane	9.894	83	166542	20.587	ug/l	94
48) Methyl methacrylate	9.688	41	96495	19.860	ug/l	91
49) 1,4-Dioxane	9.706	88	43106	406.813	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	656743	105.280	ug/l	94
52) Toluene	10.635	92	285381	20.340	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	169995	20.512	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	185661	21.017	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	117958	21.338	ug/l	96
56) Ethyl methacrylate	10.876	69	155173	20.080	ug/l	90
57) 1,3-Dichloropropane	11.171	76	191598	20.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	266678	96.836	ug/l	93
59) 2-Hexanone	11.200	43	467204	105.381	ug/l	93
60) Dibromochloromethane	11.365	129	130926	21.453	ug/l	98
61) 1,2-Dibromoethane	11.476	107	117265	20.592	ug/l	99
64) Tetrachloroethene	11.106	164	104821	20.277	ug/l	97
65) Chlorobenzene	11.894	112	303236	19.730	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.970	131	119889	20.277	ug/l	98
67) Ethyl Benzene	11.970	91	520269	20.026	ug/l	97
68) m/p-Xylenes	12.076	106	392529	40.866	ug/l	98
69) o-Xylene	12.406	106	191882	19.778	ug/l	96
70) Styrene	12.418	104	303048	19.966	ug/l	98
71) Bromoform	12.582	173	82339	20.563	ug/l #	100
73) Isopropylbenzene	12.700	105	483662	19.024	ug/l	99
74) N-amyl acetate	12.500	43	163986	18.716	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	164335	21.369	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	125415m	19.176	ug/l	
77) Bromobenzene	12.988	156	116056	20.066	ug/l	96
78) n-propylbenzene	13.041	91	531712	19.556	ug/l	100
79) 2-Chlorotoluene	13.129	91	340032	19.093	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	397119	19.769	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	51656	20.756	ug/l	96
82) 4-Chlorotoluene	13.223	91	315165	18.970	ug/l	98
83) tert-Butylbenzene	13.447	119	329152	19.299	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	389781	19.976	ug/l	98
85) sec-Butylbenzene	13.623	105	418245	19.401	ug/l	100
86) p-Isopropyltoluene	13.735	119	338944	19.581	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	190951	19.564	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	179400	18.249	ug/l	97
89) n-Butylbenzene	14.059	91	245450	19.818	ug/l	96
90) Hexachloroethane	14.341	117	65328	20.045	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	181949	18.732	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26103	20.306	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	50909	16.422	ug/l	98
94) Hexachlorobutadiene	15.511	225	33949	18.567	ug/l	99
95) Naphthalene	15.647	128	152782	14.416	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	57032	16.000	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
Data File : VN078511.D
Acq On : 14 Jul 2023 10:34
Operator : JC\MD
Sample : VN0714WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

Quant Time: Jul 15 03:57:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

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

