

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080201.D
 Acq On : 20 Nov 2023 12:38
 Operator : JC\MD
 Sample : VN1120WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 01:02:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	195452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	166482	51.587	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.180%			
35) Dibromofluoromethane	8.171	113	113274	51.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.180%			
50) Toluene-d8	10.565	98	403161	50.442	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.880%			
62) 4-Bromofluorobenzene	12.853	95	152705	50.582	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53131	18.249	ug/l	96
3) Chloromethane	2.359	50	33835	15.458	ug/l	99
4) Vinyl Chloride	2.518	62	39052	16.859	ug/l	99
5) Bromomethane	2.959	94	27010	17.176	ug/l	90
6) Chloroethane	3.124	64	25318	16.549	ug/l	93
7) Trichlorofluoromethane	3.500	101	90306	18.689	ug/l	94
8) Diethyl Ether	3.959	74	24088	17.141	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	38618	17.485	ug/l	90
10) Methyl Iodide	4.594	142	42796	17.929	ug/l #	82
11) Tert butyl alcohol	5.512	59	29876	84.183	ug/l	99
12) 1,1-Dichloroethene	4.347	96	34294	16.601	ug/l	85
13) Acrolein	4.177	56	27310	86.953	ug/l	92
14) Allyl chloride	5.030	41	41681	16.037	ug/l	89
15) Acrylonitrile	5.718	53	82060	86.132	ug/l	98
16) Acetone	4.418	43	76890	70.935	ug/l	90
17) Carbon Disulfide	4.712	76	96029	15.568	ug/l	98
18) Methyl Acetate	5.024	43	56316	16.170	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	134890	18.490	ug/l	99
20) Methylene Chloride	5.277	84	46112	20.314	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	39453	17.384	ug/l	90
22) Diisopropyl ether	6.671	45	101643	17.676	ug/l	97
23) Vinyl Acetate	6.606	43	302107	87.390	ug/l	93
24) 1,1-Dichloroethane	6.577	63	72174	17.233	ug/l	100
25) 2-Butanone	7.482	43	97541	75.739	ug/l	98
26) 2,2-Dichloropropane	7.494	77	76634	18.443	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	44147	17.158	ug/l	82
28) Bromochloromethane	7.812	49	30534	18.545	ug/l	97
29) Tetrahydrofuran	7.841	42	58553	84.685	ug/l	94
30) Chloroform	7.971	83	89750	19.173	ug/l	90
31) Cyclohexane	8.259	56	55681	15.865	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	86532	18.955	ug/l	98
36) 1,1-Dichloropropene	8.371	75	59739	18.610	ug/l	94
37) Ethyl Acetate	7.559	43	39603	17.786	ug/l #	93
38) Carbon Tetrachloride	8.359	117	81896	20.104	ug/l	92
39) Methylcyclohexane	9.600	83	52422	16.937	ug/l #	86
40) Benzene	8.606	78	166427	18.242	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080201.D
 Acq On : 20 Nov 2023 12:38
 Operator : JC\MD
 Sample : VN1120WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 01:02:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	21635	17.693	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	77479	20.757	ug/l	94
43) Isopropyl Acetate	8.688	43	68715	15.859	ug/l	100
44) Trichloroethene	9.353	130	43346	18.112	ug/l	96
45) 1,2-Dichloropropane	9.623	63	40090	18.908	ug/l	97
46) Dibromomethane	9.712	93	31514	19.636	ug/l	90
47) Bromodichloromethane	9.888	83	71896	20.365	ug/l	98
48) Methyl methacrylate	9.682	41	41597	18.629	ug/l	90
49) 1,4-Dioxane	9.694	88	13132	353.506	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	200509	89.382	ug/l	99
52) Toluene	10.635	92	106899	18.722	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	69431	19.142	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	72617	19.596	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	41805	19.184	ug/l	99
56) Ethyl methacrylate	10.876	69	41574	18.674	ug/l	91
57) 1,3-Dichloropropane	11.165	76	73014	19.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	121511	96.883	ug/l	99
59) 2-Hexanone	11.194	43	152456	84.575	ug/l	95
60) Dibromochloromethane	11.359	129	52583	20.155	ug/l	98
61) 1,2-Dibromoethane	11.470	107	42449	19.094	ug/l	98
64) Tetrachloroethene	11.106	164	45325	21.919	ug/l	98
65) Chlorobenzene	11.894	112	113164	18.431	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.964	131	48162	20.214	ug/l	94
67) Ethyl Benzene	11.964	91	206468	18.898	ug/l	98
68) m/p-Xylenes	12.070	106	156015	39.166	ug/l	88
69) o-Xylene	12.400	106	74812	19.928	ug/l	88
70) Styrene	12.412	104	109952	19.678	ug/l #	91
71) Bromoform	12.582	173	36695	20.768	ug/l #	97
73) Isopropylbenzene	12.700	105	192839	18.341	ug/l	100
74) N-amyl acetate	12.500	43	53878	16.432	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	54510	17.322	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	56114m	16.926	ug/l	
77) Bromobenzene	12.982	156	50479	19.043	ug/l	95
78) n-propylbenzene	13.035	91	217619	18.509	ug/l	98
79) 2-Chlorotoluene	13.129	91	139891	18.319	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	173274	18.932	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	18155	18.502	ug/l #	85
82) 4-Chlorotoluene	13.223	91	144977	18.532	ug/l	96
83) tert-Butylbenzene	13.441	119	133556	18.197	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	171929	19.077	ug/l	97
85) sec-Butylbenzene	13.617	105	171823	18.506	ug/l	98
86) p-Isopropyltoluene	13.729	119	157912	19.039	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	88866	18.607	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	85534	17.821	ug/l	95
89) n-Butylbenzene	14.058	91	122170	17.598	ug/l	100
90) Hexachloroethane	14.341	117	29834	18.451	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	82271	18.001	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12832	17.556	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	41839	15.740	ug/l	95
94) Hexachlorobutadiene	15.500	225	26481	17.312	ug/l	97
95) Naphthalene	15.647	128	112347	14.575	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	42401	17.018	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
Data File : VN080201.D
Acq On : 20 Nov 2023 12:38
Operator : JC\MD
Sample : VN1120WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2023
Supervised By :Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 01:02:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 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\VN112023\
 Data File : VN080201.D
 Acq On : 20 Nov 2023 12:38
 Operator : JC\MD
 Sample : VN1120WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 11/21/2023
 Supervised By : Mahesh Dadoda 11/21/2023

Quant Time: Nov 21 01:02:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N11623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

