

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078553.D
 Acq On : 18 Jul 2023 11:51
 Operator : JC\MD
 Sample : VN0718WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Quant Time: Jul 19 01:45:37 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 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	451771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	763821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	683871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	311444	51.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.840%			
35) Dibromofluoromethane	8.177	113	272920	52.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.280%			
50) Toluene-d8	10.570	98	1007046	51.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.820%			
62) 4-Bromofluorobenzene	12.853	95	304869	50.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.060%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	92960	16.783	ug/l	98
3) Chloromethane	2.371	50	135997	22.590	ug/l	99
4) Vinyl Chloride	2.518	62	153981	19.772	ug/l	100
5) Bromomethane	2.953	94	98082	16.589	ug/l	100
6) Chloroethane	3.124	64	103718	20.898	ug/l	99
7) Trichlorofluoromethane	3.500	101	171677	18.441	ug/l	97
8) Diethyl Ether	3.965	74	55958	18.041	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	95111	19.300	ug/l	96
10) Methyl Iodide	4.594	142	119601	17.661	ug/l #	98
11) Tert butyl alcohol	5.530	59	89724	96.072	ug/l #	85
12) 1,1-Dichloroethene	4.347	96	88540	18.574	ug/l	86
13) Acrolein	4.200	56	95467	103.898	ug/l	100
14) Allyl chloride	5.036	41	111303	17.087	ug/l	95
15) Acrylonitrile	5.736	53	234268	99.280	ug/l	97
16) Acetone	4.441	43	180461	95.654	ug/l	96
17) Carbon Disulfide	4.718	76	214718	15.577	ug/l	95
18) Methyl Acetate	5.041	43	152484	19.093	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	298951	19.034	ug/l	98
20) Methylene Chloride	5.288	84	109793	19.544	ug/l #	90
21) trans-1,2-Dichloroethene	5.794	96	96736	18.008	ug/l	87
22) Diisopropyl ether	6.688	45	290432	19.912	ug/l	96
23) Vinyl Acetate	6.612	43	861110	92.867	ug/l #	87
24) 1,1-Dichloroethane	6.583	63	188154	19.144	ug/l	97
25) 2-Butanone	7.494	43	293896	98.963	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	157120	19.546	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	118777	19.114	ug/l	94
28) Bromochloromethane	7.824	49	94090	20.326	ug/l	91
29) Tetrahydrofuran	7.853	42	183957	94.402	ug/l	85
30) Chloroform	7.977	83	202456	19.786	ug/l	89
31) Cyclohexane	8.265	56	146193	17.861	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	178592	19.468	ug/l	98
36) 1,1-Dichloropropene	8.377	75	146501	19.568	ug/l	98
37) Ethyl Acetate	7.571	43	119755	19.188	ug/l #	95
38) Carbon Tetrachloride	8.371	117	168744	20.738	ug/l	97
39) Methylcyclohexane	9.606	83	129934	19.013	ug/l	91
40) Benzene	8.612	78	435746	19.646	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078553.D
 Acq On : 18 Jul 2023 11:51
 Operator : JC\MD
 Sample : VN0718WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Quant Time: Jul 19 01:45:37 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 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	59321	18.645	ug/l	96
42) 1,2-Dichloroethane	8.677	62	150545	19.955	ug/l	99
43) Isopropyl Acetate	8.700	43	199831	19.448	ug/l	96
44) Trichloroethene	9.359	130	116614	19.507	ug/l	96
45) 1,2-Dichloropropane	9.623	63	111687	19.882	ug/l	99
46) Dibromomethane	9.712	93	82199	20.790	ug/l	96
47) Bromodichloromethane	9.894	83	159847	20.168	ug/l	96
48) Methyl methacrylate	9.688	41	92850	19.505	ug/l	89
49) 1,4-Dioxane	9.700	88	39474	380.235	ug/l	88
51) 4-Methyl-2-Pentanone	10.453	43	619621	101.381	ug/l	93
52) Toluene	10.635	92	274627	19.978	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	160109	19.719	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	173676	20.066	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	114177	21.081	ug/l	98
56) Ethyl methacrylate	10.882	69	146713	19.378	ug/l	89
57) 1,3-Dichloropropane	11.170	76	183023	19.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	257233	95.337	ug/l	94
59) 2-Hexanone	11.200	43	430730	99.162	ug/l	91
60) Dibromochloromethane	11.365	129	125843	21.046	ug/l	99
61) 1,2-Dibromoethane	11.476	107	111859	20.049	ug/l	96
64) Tetrachloroethene	11.112	164	101729	19.786	ug/l	96
65) Chlorobenzene	11.894	112	297716	19.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	112965	19.210	ug/l	96
67) Ethyl Benzene	11.970	91	485902	18.805	ug/l	98
68) m/p-Xylenes	12.076	106	379007	39.673	ug/l	99
69) o-Xylene	12.400	106	189459	19.634	ug/l	100
70) Styrene	12.417	104	291216	19.291	ug/l	98
71) Bromoform	12.582	173	76702	19.259	ug/l #	99
73) Isopropylbenzene	12.700	105	458715	18.415	ug/l	98
74) N-amyl acetate	12.500	43	150654	17.550	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	150111	19.699	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	121588m	18.975	ug/l	
77) Bromobenzene	12.988	156	111364	19.619	ug/l	97
78) n-propylbenzene	13.041	91	508836	19.101	ug/l	100
79) 2-Chlorotoluene	13.129	91	321789	18.442	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	378279	19.220	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41221	16.905	ug/l	93
82) 4-Chlorotoluene	13.229	91	299927	18.426	ug/l	98
83) tert-Butylbenzene	13.447	119	316261	18.927	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	369374	19.321	ug/l	99
85) sec-Butylbenzene	13.623	105	401307	19.000	ug/l	98
86) p-Isopropyltoluene	13.735	119	324576	19.138	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	178542	18.671	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	173346	17.997	ug/l	99
89) n-Butylbenzene	14.059	91	237190	19.546	ug/l	95
90) Hexachloroethane	14.341	117	65249	20.450	ug/l	81
91) 1,2-Dichlorobenzene	14.111	146	179413	18.853	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23048	18.102	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	43972	14.478	ug/l	100
94) Hexachlorobutadiene	15.505	225	33762	18.914	ug/l	98
95) Naphthalene	15.647	128	123387	11.883	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	54354	15.564	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
Data File : VN078553.D
Acq On : 18 Jul 2023 11:51
Operator : JC\MD
Sample : VN0718WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

Quant Time: Jul 19 01:45:37 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

