

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077809.D
 Acq On : 23 May 2023 12:19
 Operator : JC\MD
 Sample : VN0523WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:53:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	359962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	641508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	562429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	286190	53.136	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.280%			
35) Dibromofluoromethane	8.171	113	242325	57.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.860%			
50) Toluene-d8	10.571	98	884439	54.929	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.860%			
62) 4-Bromofluorobenzene	12.859	95	292057	51.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	74904	18.284	ug/l	96
3) Chloromethane	2.371	50	75958	16.280	ug/l	98
4) Vinyl Chloride	2.524	62	92974	18.001	ug/l	96
5) Bromomethane	2.959	94	71881	18.817	ug/l	95
6) Chloroethane	3.130	64	65971	17.723	ug/l	99
7) Trichlorofluoromethane	3.506	101	139743	19.414	ug/l	94
8) Diethyl Ether	3.971	74	53139	20.222	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	80147	20.120	ug/l	96
10) Methyl Iodide	4.594	142	104657	22.030	ug/l	90
11) Tert butyl alcohol	5.530	59	72148	97.063	ug/l	98
12) 1,1-Dichloroethene	4.353	96	72908	19.257	ug/l	99
13) Acrolein	4.189	56	67959	133.582	ug/l	99
14) Allyl chloride	5.036	41	97477	17.526	ug/l	94
15) Acrylonitrile	5.730	53	189094	95.221	ug/l	98
16) Acetone	4.436	43	157572	92.991	ug/l	97
17) Carbon Disulfide	4.724	76	163412	16.019	ug/l	99
18) Methyl Acetate	5.036	43	136862	19.253	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	275959	20.137	ug/l	98
20) Methylene Chloride	5.289	84	95177	20.411	ug/l	86
21) trans-1,2-Dichloroethene	5.794	96	81558	19.177	ug/l	91
22) Diisopropyl ether	6.683	45	255510	19.600	ug/l #	93
23) Vinyl Acetate	6.612	43	755491	93.534	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	158670	19.867	ug/l	97
25) 2-Butanone	7.488	43	243153	91.732	ug/l #	83
26) 2,2-Dichloropropane	7.500	77	130089	19.172	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	101552	19.915	ug/l	91
28) Bromochloromethane	7.824	49	62067	17.969	ug/l	90
29) Tetrahydrofuran	7.841	42	152824	88.050	ug/l	87
30) Chloroform	7.971	83	174244	19.833	ug/l	94
31) Cyclohexane	8.265	56	129922	17.748	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	148579	19.891	ug/l	97
36) 1,1-Dichloropropene	8.377	75	119662	19.557	ug/l	97
37) Ethyl Acetate	7.571	43	100312	18.394	ug/l	96
38) Carbon Tetrachloride	8.371	117	130055	21.050	ug/l	98
39) Methylcyclohexane	9.606	83	141640	18.909	ug/l	89
40) Benzene	8.612	78	362222	20.061	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077809.D
 Acq On : 23 May 2023 12:19
 Operator : JC\MD
 Sample : VN0523WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:53:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	54094	18.625	ug/l	92
42) 1,2-Dichloroethane	8.677	62	133801	20.400	ug/l	98
43) Isopropyl Acetate	8.694	43	178021	19.985	ug/l	96
44) Trichloroethene	9.359	130	97130	21.245	ug/l	96
45) 1,2-Dichloropropane	9.629	63	97226	21.111	ug/l	95
46) Dibromomethane	9.712	93	66548	20.193	ug/l	93
47) Bromodichloromethane	9.894	83	136847	21.690	ug/l	93
48) Methyl methacrylate	9.688	41	78710	18.637	ug/l	91
49) 1,4-Dioxane	9.700	88	33175	415.894	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	519281	98.072	ug/l	92
52) Toluene	10.635	92	234132	20.829	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	137806	20.625	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	146530	19.901	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	100462	22.509	ug/l	99
56) Ethyl methacrylate	10.882	69	135423	20.068	ug/l	93
57) 1,3-Dichloropropane	11.170	76	160418	20.966	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	287240	86.520	ug/l	93
59) 2-Hexanone	11.200	43	355593	90.795	ug/l	94
60) Dibromochloromethane	11.370	129	102607	22.269	ug/l	99
61) 1,2-Dibromoethane	11.476	107	95901	21.538	ug/l	96
64) Tetrachloroethene	11.112	164	96306	24.485	ug/l	98
65) Chlorobenzene	11.900	112	253624	20.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	96874	22.962	ug/l	99
67) Ethyl Benzene	11.970	91	439998	20.137	ug/l	99
68) m/p-Xylenes	12.076	106	343041	41.434	ug/l	99
69) o-Xylene	12.406	106	175844	21.597	ug/l	98
70) Styrene	12.417	104	264799	20.473	ug/l	98
71) Bromoform	12.582	173	64523	22.990	ug/l #	98
73) Isopropylbenzene	12.700	105	443250	22.495	ug/l	98
74) N-amyl acetate	12.500	43	134886	18.520	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.947	83	127035	20.956	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	93308m	16.299	ug/l	
77) Bromobenzene	12.988	156	98903	21.994	ug/l	97
78) n-propylbenzene	13.041	91	498504	21.459	ug/l	99
79) 2-Chlorotoluene	13.129	91	302324	21.809	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	372309	22.481	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.747	75	37973	21.203	ug/l	94
82) 4-Chlorotoluene	13.229	91	281574	20.415	ug/l	97
83) tert-Butylbenzene	13.447	119	327825	22.675	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	369799	22.704	ug/l	99
85) sec-Butylbenzene	13.623	105	457654	22.274	ug/l	100
86) p-Isopropyltoluene	13.735	119	383412	23.406	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	175249	21.074	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	165309	20.032	ug/l	97
89) n-Butylbenzene	14.064	91	311807	20.695	ug/l	99
90) Hexachloroethane	14.341	117	62117	23.083	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	175226	22.555	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	21254	18.110	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	71825	15.821	ug/l	100
94) Hexachlorobutadiene	15.511	225	42239	22.408	ug/l	97
95) Naphthalene	15.647	128	205223	13.133	ug/l	97
96) 1,2,3-Trichlorobenzene	15.853	180	77470	17.428	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
Data File : VN077809.D
Acq On : 23 May 2023 12:19
Operator : JC\MD
Sample : VN0523WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:53:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

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

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

