

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070622.D
 Acq On : 14 Jan 2022 14:47
 Operator : JC/MD
 Sample : VN0114WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 08:37:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	865778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1399453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1297149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	530514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	578984	46.511	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.020%		
35) Dibromofluoromethane	8.021	113	419776	49.576	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.160%		
50) Toluene-d8	10.440	98	1659453	47.975	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.940%		
62) 4-Bromofluorobenzene	12.731	95	610066	48.832	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	145090	14.777	ug/l	100
3) Chloromethane	2.303	50	209169	15.661	ug/l	98
4) Vinyl Chloride	2.446	62	184343	15.160	ug/l	97
5) Bromomethane	2.848	94	119976	19.116	ug/l	97
6) Chloroethane	3.017	64	127726	17.442	ug/l	96
7) Trichlorofluoromethane	3.373	101	253380	17.312	ug/l	100
8) Diethyl Ether	3.824	74	121630	18.851	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	157198	17.560	ug/l	94
10) Methyl Iodide	4.417	142	199225	16.445	ug/l	98
11) Tert butyl alcohol	5.385	59	237091	114.388	ug/l	98
12) 1,1-Dichloroethene	4.178	96	145523	16.504	ug/l	93
13) Acrolein	4.041	56	115109	68.446	ug/l	98
14) Allyl chloride	4.838	41	358569	17.936	ug/l #	83
15) Acrylonitrile	5.557	53	696292	107.653	ug/l	98
16) Acetone	4.288	43	704479	87.179	ug/l	98
17) Carbon Disulfide	4.524	76	338008	14.043	ug/l	100
18) Methyl Acetate	4.857	43	488996	20.919	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	632191	19.306	ug/l	92
20) Methylene Chloride	5.093	84	198628	17.766	ug/l	86
21) trans-1,2-Dichloroethene	5.600	96	157624	16.883	ug/l	88
22) Diisopropyl ether	6.498	45	773772	19.872	ug/l	92
23) Vinyl Acetate	6.434	43	2978665	98.595	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	368309	18.242	ug/l	98
25) 2-Butanone	7.337	43	1037508	101.969	ug/l	91
26) 2,2-Dichloropropane	7.324	77	263821	16.564	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	200852	18.030	ug/l	86
28) Bromochloromethane	7.657	49	199528	20.207	ug/l #	75
29) Tetrahydrofuran	7.689	42	671660	110.641	ug/l	87
30) Chloroform	7.818	83	486802	24.993	ug/l	97
31) Cyclohexane	8.094	56	343995	17.512	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	282289	17.188	ug/l	97
36) 1,1-Dichloropropene	8.220	75	245542	17.530	ug/l	96
37) Ethyl Acetate	7.415	43	380904	20.979	ug/l	97
38) Carbon Tetrachloride	8.204	117	219607	16.419	ug/l	99
39) Methylcyclohexane	9.459	83	287998	16.983	ug/l #	86
40) Benzene	8.461	78	797168	18.563	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070622.D
 Acq On : 14 Jan 2022 14:47
 Operator : JC/MD
 Sample : VN0114WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 08:37:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	196711	21.661	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	293292	18.170	ug/l	99
43) Isopropyl Acetate	8.563	43	584698	20.426	ug/l #	95
44) Trichloroethene	9.217	130	178600	17.503	ug/l	93
45) 1,2-Dichloropropane	9.491	63	226719	19.608	ug/l	99
46) Dibromomethane	9.577	93	135586	18.858	ug/l	95
47) Bromodichloromethane	9.762	83	274818	19.250	ug/l	99
48) Methyl methacrylate	9.561	41	264923	19.402	ug/l #	85
49) 1,4-Dioxane	9.569	88	97739	489.005	ug/l #	84
51) 4-Methyl-2-Pentanone	10.331	43	1993089	110.805	ug/l	98
52) Toluene	10.505	92	489163	18.819	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	287833	18.624	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	316593	18.937	ug/l	97
55) 1,1,2-Trichloroethane	10.899	97	206986	20.126	ug/l	97
56) Ethyl methacrylate	10.762	69	345069	20.306	ug/l	89
57) 1,3-Dichloropropane	11.044	76	360480	19.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	543542	134.462	ug/l	90
59) 2-Hexanone	11.087	43	1462587	111.501	ug/l	95
60) Dibromochloromethane	11.240	129	188609	18.796	ug/l	100
61) 1,2-Dibromoethane	11.347	107	198142	18.974	ug/l	100
64) Tetrachloroethene	10.980	164	163372	17.393	ug/l	96
65) Chlorobenzene	11.771	112	508865	18.489	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	180101	18.330	ug/l	99
67) Ethyl Benzene	11.846	91	939479	18.630	ug/l	95
68) m/p-Xylenes	11.953	106	677378	36.902	ug/l	90
69) o-Xylene	12.280	106	342134	18.739	ug/l	92
70) Styrene	12.294	104	557678	19.299	ug/l	96
71) Bromoform	12.457	173	138885	19.046	ug/l #	99
73) Isopropylbenzene	12.578	105	898048	18.229	ug/l	97
74) N-amyl acetate	12.390	43	397026	19.166	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	333020	19.604	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	296147m	20.559	ug/l	
77) Bromobenzene	12.860	156	205934	18.207	ug/l	74
78) n-propylbenzene	12.921	91	1010733	18.516	ug/l	96
79) 2-Chlorotoluene	13.007	91	633595	18.090	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	732188	18.546	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	86222	19.857	ug/l	98
82) 4-Chlorotoluene	13.106	91	596834	18.192	ug/l	92
83) tert-Butylbenzene	13.324	119	628104	18.068	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	708267	18.631	ug/l	98
85) sec-Butylbenzene	13.501	105	871011	18.455	ug/l	96
86) p-Isopropyltoluene	13.616	119	687158	18.535	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	345518	18.248	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	336452	18.014	ug/l	96
89) n-Butylbenzene	13.943	91	552246	17.858	ug/l	96
90) Hexachloroethane	14.211	117	115800	17.979	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	338297	18.225	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55829	19.562	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	167575	19.160	ug/l	97
94) Hexachlorobutadiene	15.373	225	105252	20.706	ug/l	98
95) Naphthalene	15.507	128	464359	20.317	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	166601	20.412	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
Data File : VN070622.D
Acq On : 14 Jan 2022 14:47
Operator : JC/MD
Sample : VN0114WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0114WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/17/2022
Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 08:37:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
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\VN011422\
 Data File : VN070622.D
 Acq On : 14 Jan 2022 14:47
 Operator : JC/MD
 Sample : VN0114WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0114WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 08:37:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

