

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074925.D
 Acq On : 17 Oct 2022 18:56
 Operator : JC\MD
 Sample : VN1017WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

Quant Time: Oct 18 03:07:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	305365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	644339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	342452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	383189	47.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.140%		
35) Dibromofluoromethane	8.177	113	299652	46.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	10.571	98	1255312	47.416	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.853	95	378223	49.173	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	114272	19.722	ug/l	100
3) Chloromethane	2.383	50	172003	21.281	ug/l	97
4) Vinyl Chloride	2.530	62	236670	18.682	ug/l	92
5) Bromomethane	2.942	94	193917	21.117	ug/l	100
6) Chloroethane	3.119	64	175786	18.074	ug/l	94
7) Trichlorofluoromethane	3.507	101	173374	19.612	ug/l	84
8) Diethyl Ether	3.989	74	77479	19.707	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	101671	19.786	ug/l	95
10) Methyl Iodide	4.613	142	137663	19.901	ug/l	96
11) Tert butyl alcohol	5.554	59	177988	101.536	ug/l	99
12) 1,1-Dichloroethene	4.360	96	99728	19.542	ug/l	96
13) Acrolein	4.207	56	154187	89.260	ug/l	90
14) Allyl chloride	5.048	41	209215	21.169	ug/l	97
15) Acrylonitrile	5.748	53	438862	95.754	ug/l	100
16) Acetone	4.460	43	346389	91.468	ug/l	96
17) Carbon Disulfide	4.730	76	231099	17.839	ug/l #	96
18) Methyl Acetate	5.060	43	274190	19.875	ug/l	94
19) Methyl tert-butyl Ether	5.818	73	405109	20.269	ug/l	98
20) Methylene Chloride	5.307	84	132485	19.958	ug/l #	82
21) trans-1,2-Dichloroethene	5.812	96	110484	19.200	ug/l #	89
22) Diisopropyl ether	6.689	45	445310	19.852	ug/l	97
23) Vinyl Acetate	6.624	43	1647464	103.542	ug/l	99
24) 1,1-Dichloroethane	6.589	63	237025	19.564	ug/l	93
25) 2-Butanone	7.506	43	602547	95.550	ug/l	98
26) 2,2-Dichloropropane	7.501	77	180740	18.243	ug/l	99
27) cis-1,2-Dichloroethene	7.506	96	133294	18.570	ug/l	94
28) Bromochloromethane	7.824	49	128972	21.835	ug/l	97
29) Tetrahydrofuran	7.854	42	392904	91.501	ug/l	96
30) Chloroform	7.971	83	228589	19.404	ug/l	95
31) Cyclohexane	8.271	56	203375	19.521	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	190877	19.136	ug/l	98
36) 1,1-Dichloropropene	8.383	75	162677	19.405	ug/l	97
37) Ethyl Acetate	7.571	43	231581	19.121	ug/l	97
38) Carbon Tetrachloride	8.377	117	155896	18.372	ug/l	99
39) Methylcyclohexane	9.606	83	200630	19.420	ug/l	93
40) Benzene	8.618	78	540554	19.524	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074925.D
 Acq On : 17 Oct 2022 18:56
 Operator : JC\MD
 Sample : VN1017WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Quant Time: Oct 18 03:07:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.795	41	124414	18.265	ug/l	98
42) 1,2-Dichloroethane	8.683	62	179544	18.740	ug/l	98
43) Isopropyl Acetate	8.701	43	377993	18.843	ug/l	99
44) Trichloroethene	9.359	130	112630	19.043	ug/l	95
45) 1,2-Dichloropropane	9.630	63	153717	20.045	ug/l	98
46) Dibromomethane	9.718	93	93474	19.037	ug/l	98
47) Bromodichloromethane	9.895	83	186569	20.297	ug/l #	98
48) Methyl methacrylate	9.618	41	175679	19.108	ug/l	99
49) 1,4-Dioxane	9.700	88	68974	397.878	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1271002	97.829	ug/l	99
52) Toluene	10.636	92	338904	19.986	ug/l	95
53) t-1,3-Dichloropropene	10.842	75	200496	19.280	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	210484	18.737	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	135568	18.949	ug/l	94
56) Ethyl methacrylate	10.877	69	221146	19.294	ug/l	98
57) 1,3-Dichloropropane	11.165	76	247600	19.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	482918	89.870	ug/l	99
59) 2-Hexanone	11.200	43	949293	97.526	ug/l	99
60) Dibromochloromethane	11.365	129	134587	19.877	ug/l	98
61) 1,2-Dibromoethane	11.471	107	136085	19.364	ug/l	98
64) Tetrachloroethene	11.106	164	91250	19.145	ug/l	96
65) Chlorobenzene	11.894	112	358343	19.366	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	123664	18.835	ug/l	97
67) Ethyl Benzene	11.965	91	628574	18.682	ug/l	99
68) m/p-Xylenes	12.077	106	491675	39.112	ug/l	95
69) o-Xylene	12.400	106	236713	18.540	ug/l	95
70) Styrene	12.412	104	397231	19.790	ug/l	98
71) Bromoform	12.577	173	94935	19.639	ug/l #	97
73) Isopropylbenzene	12.700	105	633024	19.406	ug/l	98
74) N-amyl acetate	12.494	43	352606	19.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	233267	18.727	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	198594m	20.518	ug/l	
77) Bromobenzene	12.983	156	133693	18.771	ug/l	99
78) n-propylbenzene	13.036	91	755549	19.956	ug/l	96
79) 2-Chlorotoluene	13.130	91	432641	18.424	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	524124	19.571	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	82611	20.516	ug/l	87
82) 4-Chlorotoluene	13.224	91	394978	19.143	ug/l	96
83) tert-Butylbenzene	13.441	119	465158	18.980	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	520217	20.241	ug/l	100
85) sec-Butylbenzene	13.618	105	660087	19.660	ug/l	99
86) p-Isopropyltoluene	13.730	119	498714	19.579	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	238932	20.292	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	222993	17.926	ug/l	95
89) n-Butylbenzene	14.059	91	420473	19.833	ug/l	96
90) Hexachloroethane	14.335	117	96733	18.394	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	221447	18.830	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	36633	18.089	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	103117	18.734	ug/l	99
94) Hexachlorobutadiene	15.500	225	52345	19.924	ug/l	97
95) Naphthalene	15.641	128	444532	18.730	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	104252	18.146	ug/l	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
Data File : VN074925.D
Acq On : 17 Oct 2022 18:56
Operator : JC\MD
Sample : VN1017WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

Quant Time: Oct 18 03:07:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 17 16:03:54 2022
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\VN101722\
 Data File : VN074925.D
 Acq On : 17 Oct 2022 18:56
 Operator : JC\MD
 Sample : VN1017WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Quant Time: Oct 18 03:07:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

