

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074924.D
 Acq On : 17 Oct 2022 18:32
 Operator : JC\MD
 Sample : VN1017WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBS01

Quant Time: Oct 18 03:06:39 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	8.235	168	310670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	644008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	328505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	395233	48.229	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.460%		
35) Dibromofluoromethane	8.177	113	314321	49.016	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.040%		
50) Toluene-d8	10.570	98	1322172	49.721	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.440%		
62) 4-Bromofluorobenzene	12.853	95	372828	48.258	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	109524	18.579	ug/l	100
3) Chloromethane	2.389	50	161772	19.563	ug/l	98
4) Vinyl Chloride	2.536	62	241321	18.724	ug/l	97
5) Bromomethane	2.947	94	186525	19.878	ug/l	93
6) Chloroethane	3.124	64	191449	19.348	ug/l	100
7) Trichlorofluoromethane	3.512	101	171464	19.065	ug/l	97
8) Diethyl Ether	3.983	74	79473	19.869	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	98390	18.821	ug/l	99
10) Methyl Iodide	4.606	142	128829	18.306	ug/l	99
11) Tert butyl alcohol	5.553	59	176799	99.136	ug/l	97
12) 1,1-Dichloroethene	4.359	96	94368	18.175	ug/l #	73
13) Acrolein	4.206	56	163997	93.318	ug/l	94
14) Allyl chloride	5.047	41	196018	19.495	ug/l	98
15) Acrylonitrile	5.747	53	456076	97.810	ug/l	99
16) Acetone	4.459	43	367313	95.337	ug/l	98
17) Carbon Disulfide	4.730	76	231292	17.549	ug/l	99
18) Methyl Acetate	5.047	43	279088	19.884	ug/l	99
19) Methyl tert-butyl Ether	5.824	73	394032	19.378	ug/l	97
20) Methylene Chloride	5.300	84	130205	19.279	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	109510	18.705	ug/l	99
22) Diisopropyl ether	6.694	45	450488	19.740	ug/l #	98
23) Vinyl Acetate	6.624	43	1615019	99.769	ug/l	98
24) 1,1-Dichloroethane	6.594	63	236536	19.190	ug/l #	97
25) 2-Butanone	7.500	43	632151	98.532	ug/l	95
26) 2,2-Dichloropropane	7.506	77	188734	18.724	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	138646	18.986	ug/l	98
28) Bromochloromethane	7.829	49	119250	19.844	ug/l	98
29) Tetrahydrofuran	7.853	42	408898	93.599	ug/l	99
30) Chloroform	7.977	83	236270	19.713	ug/l	98
31) Cyclohexane	8.265	56	199772	18.848	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	193879	19.105	ug/l	98
36) 1,1-Dichloropropene	8.377	75	157484	18.702	ug/l	98
37) Ethyl Acetate	7.577	43	229706	18.883	ug/l	98
38) Carbon Tetrachloride	8.365	117	153462	18.006	ug/l	98
39) Methylcyclohexane	9.606	83	187457	18.065	ug/l	95
40) Benzene	8.618	78	538434	19.362	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074924.D
 Acq On : 17 Oct 2022 18:32
 Operator : JC\MD
 Sample : VN1017WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 03:06:39 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	7.794	41	124589	18.210	ug/l	96
42) 1,2-Dichloroethane	8.682	62	185000	19.224	ug/l	95
43) Isopropyl Acetate	8.694	43	383323	19.025	ug/l	98
44) Trichloroethene	9.359	130	114692	19.306	ug/l	95
45) 1,2-Dichloropropane	9.623	63	148932	19.336	ug/l	99
46) Dibromomethane	9.712	93	92473	18.750	ug/l	97
47) Bromodichloromethane	9.894	83	187539	20.313	ug/l	92
48) Methyl methacrylate	9.612	41	178263	19.303	ug/l	98
49) 1,4-Dioxane	9.706	88	69127	397.005	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	1273109	97.560	ug/l	100
52) Toluene	10.635	92	330550	19.407	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	194850	18.655	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	229823	20.369	ug/l	92
55) 1,1,2-Trichloroethane	11.023	97	145558	20.256	ug/l	94
56) Ethyl methacrylate	10.876	69	226010	19.631	ug/l	97
57) 1,3-Dichloropropane	11.165	76	252641	19.806	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	475625	88.305	ug/l	98
59) 2-Hexanone	11.200	43	955317	97.713	ug/l	99
60) Dibromochloromethane	11.359	129	138095	20.306	ug/l	93
61) 1,2-Dibromoethane	11.476	107	135292	19.166	ug/l	96
64) Tetrachloroethene	11.112	164	88836	18.648	ug/l	97
65) Chlorobenzene	11.894	112	342139	18.500	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.964	131	129924	19.799	ug/l	97
67) Ethyl Benzene	11.964	91	652042	19.389	ug/l	96
68) m/p-Xylenes	12.076	106	484324	38.547	ug/l	98
69) o-Xylene	12.400	106	242092	18.971	ug/l	98
70) Styrene	12.412	104	381979	19.039	ug/l	99
71) Bromoform	12.576	173	91436	18.925	ug/l #	98
73) Isopropylbenzene	12.694	105	624494	19.958	ug/l	99
74) N-amyl acetate	12.494	43	332655	19.232	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	229592	19.215	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	197028m	21.220	ug/l	
77) Bromobenzene	12.982	156	131703	19.276	ug/l	97
78) n-propylbenzene	13.035	91	732792	20.176	ug/l	98
79) 2-Chlorotoluene	13.129	91	414666	18.408	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	496942	19.344	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	79616	20.611	ug/l	89
82) 4-Chlorotoluene	13.223	91	379948	19.196	ug/l	98
83) tert-Butylbenzene	13.441	119	449481	19.119	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	485771	19.703	ug/l	99
85) sec-Butylbenzene	13.617	105	626743	19.459	ug/l	99
86) p-Isopropyltoluene	13.729	119	473227	19.367	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	213109	18.868	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	208717	17.490	ug/l	98
89) n-Butylbenzene	14.058	91	385569	18.959	ug/l	98
90) Hexachloroethane	14.335	117	98418	19.509	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	206117	18.270	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37613	19.361	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	94991	17.990	ug/l	97
94) Hexachlorobutadiene	15.505	225	49172	19.511	ug/l	95
95) Naphthalene	15.641	128	401521	17.636	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106461	19.317	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
Data File : VN074924.D
Acq On : 17 Oct 2022 18:32
Operator : JC\MD
Sample : VN1017WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBS01

Manual Integrations
APPROVED

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

Quant Time: Oct 18 03:06:39 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

