

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070770.D
 Acq On : 25 Jan 2022 13:22
 Operator : JC/MD
 Sample : VN0125WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0125WBS01

Quant Time: Jan 26 01:29:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/26/2022
 Supervised By :Mahesh Dadoda 01/26/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	731771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1161318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1060750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	447906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	524444	50.007	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.020%			
35) Dibromofluoromethane	8.021	113	363966	50.525	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.060%			
50) Toluene-d8	10.440	98	1502075	49.496	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.000%			
62) 4-Bromofluorobenzene	12.731	95	534137	49.393	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	139010	16.439	ug/l	99
3) Chloromethane	2.306	50	187556	15.174	ug/l	98
4) Vinyl Chloride	2.448	62	206514	17.567	ug/l	98
5) Bromomethane	2.858	94	126384	20.641	ug/l	97
6) Chloroethane	3.025	64	129172	17.607	ug/l	99
7) Trichlorofluoromethane	3.379	101	272006	20.254	ug/l	99
8) Diethyl Ether	3.824	74	93004	15.854	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	135111	16.646	ug/l	95
10) Methyl Iodide	4.422	142	174996	16.719	ug/l	98
11) Tert butyl alcohol	5.374	59	148634	78.556	ug/l	98
12) 1,1-Dichloroethene	4.181	96	125017	15.443	ug/l	88
13) Acrolein	4.041	56	209621	77.249	ug/l	100
14) Allyl chloride	4.840	41	285034	16.160	ug/l	86
15) Acrylonitrile	5.556	53	483267	80.289	ug/l	99
16) Acetone	4.288	43	565189	77.646	ug/l	99
17) Carbon Disulfide	4.529	76	344455	15.667	ug/l	99
18) Methyl Acetate	4.856	43	229319	16.019	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	509625	17.622	ug/l	96
20) Methylene Chloride	5.095	84	156411	16.313	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	135819	16.670	ug/l	85
22) Diisopropyl ether	6.495	45	592487	16.947	ug/l	94
23) Vinyl Acetate	6.433	43	2509561	84.678	ug/l	95
24) 1,1-Dichloroethane	6.388	63	297720	17.024	ug/l	97
25) 2-Butanone	7.337	43	724211	79.066	ug/l	94
26) 2,2-Dichloropropane	7.327	77	243599	18.168	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	166901	17.244	ug/l	87
28) Bromochloromethane	7.656	49	137425	17.502	ug/l #	77
29) Tetrahydrofuran	7.686	42	458287	81.714	ug/l	88
30) Chloroform	7.817	83	293102	16.827	ug/l	99
31) Cyclohexane	8.094	56	304866	16.508	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	246581	18.165	ug/l	98
36) 1,1-Dichloropropene	8.220	75	216256	17.832	ug/l	96
37) Ethyl Acetate	7.412	43	271650	16.872	ug/l	98
38) Carbon Tetrachloride	8.206	117	208820	19.356	ug/l	99
39) Methylcyclohexane	9.459	83	260460	17.397	ug/l #	87
40) Benzene	8.458	78	655904	17.455	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070770.D
 Acq On : 25 Jan 2022 13:22
 Operator : JC/MD
 Sample : VN0125WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0125WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 26 01:29:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	133409	16.287	ug/l	91
42) 1,2-Dichloroethane	8.528	62	246089	18.887	ug/l	97
43) Isopropyl Acetate	8.560	43	429504	17.465	ug/l #	95
44) Trichloroethene	9.215	130	150296	17.643	ug/l	84
45) 1,2-Dichloropropane	9.488	63	179756	17.582	ug/l	98
46) Dibromomethane	9.579	93	110166	18.532	ug/l	93
47) Bromodichloromethane	9.762	83	223279	18.374	ug/l	99
48) Methyl methacrylate	9.558	41	194694	16.619	ug/l #	83
49) 1,4-Dioxane	9.569	88	59139	336.060	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	1363757	86.909	ug/l	98
52) Toluene	10.505	92	402939	17.926	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	240034	17.909	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	264278	18.134	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	158682	17.970	ug/l	97
56) Ethyl methacrylate	10.759	69	259993	17.070	ug/l	91
57) 1,3-Dichloropropane	11.044	76	281720	18.022	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	288048	83.106	ug/l	91
59) 2-Hexanone	11.084	43	996776	87.441	ug/l	97
60) Dibromochloromethane	11.237	129	156387	18.987	ug/l	100
61) 1,2-Dibromoethane	11.344	107	156959	17.704	ug/l	99
64) Tetrachloroethene	10.977	164	138430	17.799	ug/l	95
65) Chlorobenzene	11.768	112	415299	18.070	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	148313	18.740	ug/l	99
67) Ethyl Benzene	11.843	91	778845	18.279	ug/l	95
68) m/p-Xylenes	11.953	106	566950	36.575	ug/l	90
69) o-Xylene	12.280	106	278017	18.073	ug/l	89
70) Styrene	12.294	104	454847	18.483	ug/l	95
71) Bromoform	12.457	173	113300	18.953	ug/l #	98
73) Isopropylbenzene	12.578	105	738212	17.421	ug/l	98
74) N-amyl acetate	12.387	43	286634	16.544	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.827	83	244610	17.093	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	217868m	18.340	ug/l	
77) Bromobenzene	12.859	156	167258	17.605	ug/l	76
78) n-propylbenzene	12.918	91	848402	17.903	ug/l	95
79) 2-Chlorotoluene	13.007	91	523166	17.452	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	623104	18.184	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.623	75	63760	15.990	ug/l	98
82) 4-Chlorotoluene	13.104	91	503384	17.973	ug/l	91
83) tert-Butylbenzene	13.323	119	518936	17.397	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	604530	18.353	ug/l	96
85) sec-Butylbenzene	13.500	105	733129	18.079	ug/l	97
86) p-Isopropyltoluene	13.616	119	582780	18.294	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	289770	18.335	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	276625	17.588	ug/l	94
89) n-Butylbenzene	13.943	91	468304	17.820	ug/l	97
90) Hexachloroethane	14.208	117	99958	17.950	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	276084	17.681	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	41303	17.015	ug/l	78
93) 1,2,4-Trichlorobenzene	15.262	180	131134	18.186	ug/l	98
94) Hexachlorobutadiene	15.370	225	93332	20.182	ug/l	99
95) Naphthalene	15.507	128	315335	17.182	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	124327	17.922	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
Data File : VN070770.D
Acq On : 25 Jan 2022 13:22
Operator : JC/MD
Sample : VN0125WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0125WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/26/2022
Supervised By :Mahesh Dadoda 01/26/2022

Quant Time: Jan 26 01:29:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

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

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

