

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086094.D
 Acq On : 25 Mar 2025 12:39
 Operator : JC\MD
 Sample : VN0325WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

Quant Time: Mar 26 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	324541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142002	51.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.580%			
35) Dibromofluoromethane	8.165	113	120271	53.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.180%			
50) Toluene-d8	10.565	98	442829	53.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.720%			
62) 4-Bromofluorobenzene	12.847	95	153130	52.228	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47142	17.771	ug/l	95
3) Chloromethane	2.359	50	48855	21.008	ug/l	98
4) Vinyl Chloride	2.512	62	49320	20.742	ug/l	97
5) Bromomethane	2.953	94	33206	20.502	ug/l	97
6) Chloroethane	3.118	64	32333	21.555	ug/l	100
7) Trichlorofluoromethane	3.500	101	77528	18.138	ug/l	97
8) Diethyl Ether	3.959	74	27412	20.949	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	44637	19.649	ug/l	99
10) Methyl Iodide	4.589	142	59970	20.259	ug/l	98
11) Tert butyl alcohol	5.524	59	38186	98.369	ug/l	97
12) 1,1-Dichloroethene	4.347	96	42182	20.563	ug/l	94
13) Acrolein	4.177	56	40579	98.008	ug/l	92
14) Allyl chloride	5.024	41	51338	20.061	ug/l	95
15) Acrylonitrile	5.718	53	115003	112.175	ug/l	98
16) Acetone	4.430	43	85053	101.538	ug/l	95
17) Carbon Disulfide	4.712	76	117769	17.457	ug/l	100
18) Methyl Acetate	5.018	43	52186	25.180	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	139445	20.745	ug/l	100
20) Methylene Chloride	5.277	84	51501	21.017	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	45243	20.182	ug/l	95
22) Diisopropyl ether	6.671	45	131002	24.022	ug/l	93
23) Vinyl Acetate	6.606	43	458741	110.965	ug/l	97
24) 1,1-Dichloroethane	6.571	63	84925	21.177	ug/l	97
25) 2-Butanone	7.483	43	132339	109.491	ug/l	96
26) 2,2-Dichloropropane	7.483	77	69919	18.110	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	53672	21.069	ug/l	99
28) Bromochloromethane	7.812	49	40743	23.980	ug/l	96
29) Tetrahydrofuran	7.835	42	90039	120.665	ug/l	94
30) Chloroform	7.965	83	90288	20.369	ug/l	96
31) Cyclohexane	8.259	56	66371	19.428	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	80624	19.215	ug/l	97
36) 1,1-Dichloropropene	8.371	75	59099	19.813	ug/l	99
37) Ethyl Acetate	7.559	43	55825	22.184	ug/l	98
38) Carbon Tetrachloride	8.359	117	72887	18.585	ug/l	98
39) Methylcyclohexane	9.600	83	55931	18.900	ug/l	99
40) Benzene	8.606	78	194385	20.760	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086094.D
 Acq On : 25 Mar 2025 12:39
 Operator : JC\MD
 Sample : VN0325WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 03:14:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28779	23.951	ug/l	94
42) 1,2-Dichloroethane	8.671	62	65677	20.130	ug/l	99
43) Isopropyl Acetate	8.688	43	94173	17.270	ug/l	96
44) Trichloroethene	9.347	130	45300	18.666	ug/l	98
45) 1,2-Dichloropropane	9.618	63	48492	22.769	ug/l	96
46) Dibromomethane	9.706	93	34741	20.742	ug/l	98
47) Bromodichloromethane	9.888	83	72524	20.719	ug/l	97
48) Methyl methacrylate	9.682	41	39343	21.864	ug/l	97
49) 1,4-Dioxane	9.688	88	19360	455.133	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	285096	118.550	ug/l	97
52) Toluene	10.629	92	123085	21.417	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	70052	20.607	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	74599	20.799	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	48046	21.904	ug/l	97
56) Ethyl methacrylate	10.871	69	65070	21.540	ug/l	96
57) 1,3-Dichloropropane	11.159	76	80267	21.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	138859	119.962	ug/l	99
59) 2-Hexanone	11.194	43	202492	115.583	ug/l	96
60) Dibromochloromethane	11.359	129	58978	20.837	ug/l	99
61) 1,2-Dibromoethane	11.465	107	46988	20.866	ug/l	95
64) Tetrachloroethene	11.100	164	45834	20.089	ug/l	96
65) Chlorobenzene	11.888	112	130241	19.900	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	50560	20.781	ug/l	100
67) Ethyl Benzene	11.959	91	210052	20.064	ug/l	99
68) m/p-Xylenes	12.070	106	169254	41.132	ug/l	98
69) o-Xylene	12.394	106	78427	20.766	ug/l	96
70) Styrene	12.412	104	134416	20.837	ug/l	98
71) Bromoform	12.576	173	40980	20.149	ug/l #	100
73) Isopropylbenzene	12.694	105	192849	20.254	ug/l	99
74) N-amyl acetate	12.494	43	70288	22.065	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	68421	21.241	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	66566m	21.325	ug/l	
77) Bromobenzene	12.976	156	52643	19.828	ug/l	97
78) n-propylbenzene	13.035	91	225748	20.938	ug/l	99
79) 2-Chlorotoluene	13.123	91	148595	20.750	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	168119	20.913	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	24866	21.060	ug/l	95
82) 4-Chlorotoluene	13.217	91	150275	20.406	ug/l	99
83) tert-Butylbenzene	13.435	119	132020	19.202	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	169874	20.951	ug/l	99
85) sec-Butylbenzene	13.612	105	183683	20.480	ug/l	100
86) p-Isopropyltoluene	13.729	119	150162	19.778	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	96274	20.117	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	93804	18.656	ug/l	98
89) n-Butylbenzene	14.053	91	112330	18.168	ug/l	99
90) Hexachloroethane	14.335	117	32697	18.664	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	91245	19.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12856	19.993	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	39788	16.633	ug/l	97
94) Hexachlorobutadiene	15.494	225	22756	16.397	ug/l	97
95) Naphthalene	15.641	128	113242	16.349	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	40932	18.033	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
Data File : VN086094.D
Acq On : 25 Mar 2025 12:39
Operator : JC\MD
Sample : VN0325WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

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

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

