

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086069.D
 Acq On : 24 Mar 2025 14:00
 Operator : JC\MD
 Sample : VN0324WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:22:34 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	162414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113520	51.043	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.080%			
35) Dibromofluoromethane	8.165	113	91856	50.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.660%			
50) Toluene-d8	10.565	98	332989	50.770	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.847	95	117946	50.425	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39332	18.279	ug/l	97
3) Chloromethane	2.359	50	34075	18.064	ug/l	98
4) Vinyl Chloride	2.512	62	35999	18.664	ug/l	100
5) Bromomethane	2.953	94	23531	17.911	ug/l	96
6) Chloroethane	3.124	64	21684	17.821	ug/l	92
7) Trichlorofluoromethane	3.500	101	60763	17.525	ug/l	96
8) Diethyl Ether	3.965	74	19343	18.224	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	34338	18.634	ug/l	99
10) Methyl Iodide	4.589	142	43585	18.152	ug/l #	96
11) Tert butyl alcohol	5.518	59	25565	81.190	ug/l	100
12) 1,1-Dichloroethene	4.342	96	29785	17.900	ug/l	92
13) Acrolein	4.177	56	31172	92.817	ug/l	96
14) Allyl chloride	5.018	41	34385	16.564	ug/l	99
15) Acrylonitrile	5.718	53	78847	94.814	ug/l	99
16) Acetone	4.430	43	57956	85.298	ug/l	96
17) Carbon Disulfide	4.712	76	89617	16.377	ug/l	99
18) Methyl Acetate	5.018	43	33928	20.182	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	96829	17.759	ug/l	99
20) Methylene Chloride	5.277	84	37630	18.932	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	33164	18.238	ug/l	98
22) Diisopropyl ether	6.671	45	87929	19.877	ug/l	98
23) Vinyl Acetate	6.606	43	311092	92.770	ug/l	99
24) 1,1-Dichloroethane	6.565	63	61921	19.036	ug/l	98
25) 2-Butanone	7.483	43	85517	87.226	ug/l	93
26) 2,2-Dichloropropane	7.488	77	54928	17.539	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	38191	18.482	ug/l	98
28) Bromochloromethane	7.812	49	27907	20.249	ug/l	99
29) Tetrahydrofuran	7.835	42	57517	95.027	ug/l	98
30) Chloroform	7.959	83	67726	18.836	ug/l	96
31) Cyclohexane	8.253	56	47477	17.133	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	60938	17.905	ug/l	99
36) 1,1-Dichloropropene	8.371	75	43318	18.204	ug/l	98
37) Ethyl Acetate	7.559	43	34788	17.329	ug/l	98
38) Carbon Tetrachloride	8.359	117	56681	18.116	ug/l	98
39) Methylcyclohexane	9.600	83	39101	16.562	ug/l	93
40) Benzene	8.606	78	141532	18.946	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086069.D
 Acq On : 24 Mar 2025 14:00
 Operator : JC\MD
 Sample : VN0324WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:22:34 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	18938	19.756	ug/l	96
42) 1,2-Dichloroethane	8.665	62	49242	18.918	ug/l	99
43) Isopropyl Acetate	8.688	43	64276	14.775	ug/l	98
44) Trichloroethene	9.347	130	32369	16.719	ug/l	94
45) 1,2-Dichloropropane	9.618	63	33318	19.610	ug/l	94
46) Dibromomethane	9.706	93	25904	19.387	ug/l	99
47) Bromodichloromethane	9.888	83	53170	19.040	ug/l	94
48) Methyl methacrylate	9.677	41	26663	18.574	ug/l	98
49) 1,4-Dioxane	9.694	88	12949	381.582	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	184157	95.988	ug/l	98
52) Toluene	10.629	92	91169	19.885	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	51098	18.841	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	52762	18.439	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	34916	19.953	ug/l	95
56) Ethyl methacrylate	10.871	69	43390	18.297	ug/l	97
57) 1,3-Dichloropropane	11.159	76	57650	19.397	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	110088	119.303	ug/l	99
59) 2-Hexanone	11.194	43	132338	94.687	ug/l	98
60) Dibromochloromethane	11.353	129	44130	19.543	ug/l	100
61) 1,2-Dibromoethane	11.465	107	34673	19.301	ug/l	100
64) Tetrachloroethene	11.100	164	34706	18.457	ug/l	97
65) Chlorobenzene	11.888	112	97585	18.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	37572	18.738	ug/l	99
67) Ethyl Benzene	11.959	91	153645	17.807	ug/l	99
68) m/p-Xylenes	12.070	106	125241	36.929	ug/l	98
69) o-Xylene	12.400	106	57330	18.418	ug/l	96
70) Styrene	12.412	104	97515	18.342	ug/l	99
71) Bromoform	12.576	173	30919	18.446	ug/l #	99
73) Isopropylbenzene	12.694	105	139841	16.865	ug/l	99
74) N-amyl acetate	12.494	43	47183	17.008	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48431	17.264	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	52605m	19.351	ug/l	
77) Bromobenzene	12.976	156	40210	17.391	ug/l	99
78) n-propylbenzene	13.035	91	169117	18.012	ug/l	97
79) 2-Chlorotoluene	13.123	91	111173	17.826	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	125141	17.875	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	17979	17.485	ug/l	97
82) 4-Chlorotoluene	13.217	91	116444	18.157	ug/l	100
83) tert-Butylbenzene	13.435	119	96768	16.162	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	123520	17.493	ug/l	98
85) sec-Butylbenzene	13.612	105	137416	17.593	ug/l	100
86) p-Isopropyltoluene	13.729	119	112898	17.075	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	74398	17.852	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	74587	17.034	ug/l	98
89) n-Butylbenzene	14.053	91	89830	16.684	ug/l	97
90) Hexachloroethane	14.329	117	26422	17.318	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	70181	16.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9536	17.029	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	32430	15.568	ug/l	98
94) Hexachlorobutadiene	15.500	225	18176	15.039	ug/l	96
95) Naphthalene	15.635	128	83907	13.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	30420	15.389	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
Data File : VN086069.D
Acq On : 24 Mar 2025 14:00
Operator : JC\MD
Sample : VN0324WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:22:34 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

