

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086538.D
 Acq On : 08 May 2025 11:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2025
 Supervised By : Mahesh Dadoda 05/09/2025

Quant Time: May 09 01:47:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	237596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	411170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	156161	45.325	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.660%		
35) Dibromofluoromethane	8.165	113	120540	63.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	126.340%#		
50) Toluene-d8	10.565	98	495497	48.584	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.160%		
62) 4-Bromofluorobenzene	12.847	95	187473	50.397	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	130260	46.248	ug/l	98
3) Chloromethane	2.359	50	155487	37.985	ug/l	98
4) Vinyl Chloride	2.512	62	157852	40.410	ug/l	100
5) Bromomethane	2.953	94	88542	50.392	ug/l	99
6) Chloroethane	3.118	64	103401	39.552	ug/l	98
7) Trichlorofluoromethane	3.500	101	217073	50.169	ug/l	99
8) Diethyl Ether	3.959	74	84331	44.645	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	131642	50.293	ug/l	96
10) Methyl Iodide	4.589	142	158916	55.223	ug/l	100
11) Tert butyl alcohol	5.512	59	122972	195.618	ug/l	100
12) 1,1-Dichloroethene	4.341	96	128848	46.075	ug/l	98
13) Acrolein	4.177	56	59058	198.355	ug/l	93
14) Allyl chloride	5.018	41	188706	37.959	ug/l	95
15) Acrylonitrile	5.712	53	324065	208.535	ug/l	99
16) Acetone	4.418	43	298975	251.008	ug/l	100
17) Carbon Disulfide	4.712	76	334676	39.969	ug/l	97
18) Methyl Acetate	5.018	43	158378	38.295	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	463059	45.046	ug/l	98
20) Methylene Chloride	5.271	84	146505	45.996	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	136746	46.772	ug/l	94
22) Diisopropyl ether	6.665	45	445000	41.149	ug/l	96
23) Vinyl Acetate	6.600	43	1602062	211.919	ug/l	96
24) 1,1-Dichloroethane	6.565	63	254940	44.679	ug/l	98
25) 2-Butanone	7.477	43	439690	205.026	ug/l	95
26) 2,2-Dichloropropane	7.482	77	243994	47.759	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	173804	47.897	ug/l	94
28) Bromochloromethane	7.812	49	95382	39.424	ug/l	83
29) Tetrahydrofuran	7.830	42	275895	192.385	ug/l	94
30) Chloroform	7.965	83	267718	47.763	ug/l	100
31) Cyclohexane	8.253	56	222891	39.920	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	233209	48.636	ug/l	98
36) 1,1-Dichloropropene	8.371	75	189018	49.591	ug/l	97
37) Ethyl Acetate	7.559	43	169238	42.175	ug/l	98
38) Carbon Tetrachloride	8.359	117	199846	55.057	ug/l	98
39) Methylcyclohexane	9.600	83	219914	48.542	ug/l	97
40) Benzene	8.600	78	595415	48.757	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
 Data File : VN086538.D
 Acq On : 08 May 2025 11:34
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2025
 Supervised By : Mahesh Dadoda 05/09/2025

Quant Time: May 09 01:47:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	97014	41.714	ug/l	95
42) 1,2-Dichloroethane	8.665	62	197636	50.750	ug/l	100
43) Isopropyl Acetate	8.682	43	316530	43.704	ug/l	96
44) Trichloroethene	9.353	130	157623	54.457	ug/l	91
45) 1,2-Dichloropropane	9.618	63	142643	47.718	ug/l	99
46) Dibromomethane	9.706	93	102233	53.677	ug/l	94
47) Bromodichloromethane	9.882	83	213886	51.995	ug/l	98
48) Methyl methacrylate	9.676	41	148575	42.162	ug/l	95
49) 1,4-Dioxane	9.688	88	54423	907.954	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	892530	217.210	ug/l	97
52) Toluene	10.629	92	388314	50.961	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	230449	50.186	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	247583	49.089	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	142296	51.903	ug/l	97
56) Ethyl methacrylate	10.870	69	241609	47.944	ug/l	96
57) 1,3-Dichloropropane	11.159	76	243407	50.041	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	497571	208.026	ug/l	95
59) 2-Hexanone	11.194	43	656953	215.548	ug/l	97
60) Dibromochloromethane	11.359	129	165415	54.946	ug/l	99
61) 1,2-Dibromoethane	11.465	107	147606	53.359	ug/l	100
64) Tetrachloroethene	11.100	164	159066	56.203	ug/l	96
65) Chlorobenzene	11.888	112	434996	52.976	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	146969	54.255	ug/l	99
67) Ethyl Benzene	11.959	91	756168	51.033	ug/l	100
68) m/p-Xylenes	12.065	106	587177	105.760	ug/l	96
69) o-Xylene	12.394	106	289536	52.733	ug/l	96
70) Styrene	12.406	104	489740	53.532	ug/l	99
71) Bromoform	12.576	173	112390	55.107	ug/l #	98
73) Isopropylbenzene	12.694	105	714406	48.016	ug/l	99
74) N-amyl acetate	12.488	43	277866	37.515	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	192170	44.921	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	187208m	43.616	ug/l	
77) Bromobenzene	12.976	156	175359	53.193	ug/l	87
78) n-propylbenzene	13.029	91	842469	48.053	ug/l	98
79) 2-Chlorotoluene	13.123	91	522182	47.598	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	597208	49.042	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	76961m	43.063	ug/l	
82) 4-Chlorotoluene	13.217	91	535052	49.097	ug/l	97
83) tert-Butylbenzene	13.435	119	514775	48.787	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	603983	48.726	ug/l	98
85) sec-Butylbenzene	13.611	105	720827	49.251	ug/l	98
86) p-Isopropyltoluene	13.723	119	620174	51.409	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	335702	54.170	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	335231	53.706	ug/l	97
89) n-Butylbenzene	14.053	91	535845	50.113	ug/l	98
90) Hexachloroethane	14.329	117	102307	50.419	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	319360	53.153	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37887	43.923	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	156918	54.541	ug/l	99
94) Hexachlorobutadiene	15.494	225	61985	57.074	ug/l	99
95) Naphthalene	15.635	128	490825	48.126	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	145460	53.403	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050825\
Data File : VN086538.D
Acq On : 08 May 2025 11:34
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 09 01:47:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
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\VN050825\
Data File : VN086538.D
Acq On : 08 May 2025 11:34
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

Client SampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2025

Supervised By :Mahesh Dadoda 05/09/2025

Quant Time: May 09 01:47:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

