

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086508.D
 Acq On : 06 May 2025 12:34
 Operator : JC\MD
 Sample : VN0506WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:54:34 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	8.224	168	187036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	299527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131176	48.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.740%		
35) Dibromofluoromethane	8.165	113	89736	57.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	115.940%		
50) Toluene-d8	10.565	98	400691	48.431	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.860%		
62) 4-Bromofluorobenzene	12.847	95	149764	49.629	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39157	17.661	ug/l	99
3) Chloromethane	2.359	50	50536	15.683	ug/l	98
4) Vinyl Chloride	2.512	62	48335	15.719	ug/l	99
5) Bromomethane	2.959	94	29650	21.436	ug/l	100
6) Chloroethane	3.124	64	32998	16.034	ug/l	93
7) Trichlorofluoromethane	3.500	101	65218	19.147	ug/l	97
8) Diethyl Ether	3.953	74	27263	18.335	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	40062	19.443	ug/l	97
10) Methyl Iodide	4.589	142	47734	21.071	ug/l	98
11) Tert butyl alcohol	5.518	59	45251	91.442	ug/l	98
12) 1,1-Dichloroethene	4.342	96	38105	17.310	ug/l	95
13) Acrolein	4.183	56	26631	106.764	ug/l	98
14) Allyl chloride	5.024	41	55131	14.088	ug/l	93
15) Acrylonitrile	5.718	53	107406	87.799	ug/l	99
16) Acetone	4.430	43	87559	89.716	ug/l	97
17) Carbon Disulfide	4.712	76	102123	15.493	ug/l	99
18) Methyl Acetate	5.024	43	51854	15.927	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	150874	18.644	ug/l	99
20) Methylene Chloride	5.271	84	46450	18.526	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	41638	18.092	ug/l	87
22) Diisopropyl ether	6.671	45	138543	16.274	ug/l #	96
23) Vinyl Acetate	6.600	43	577000	96.957	ug/l	97
24) 1,1-Dichloroethane	6.565	63	78863	17.557	ug/l	98
25) 2-Butanone	7.477	43	142630	84.486	ug/l	94
26) 2,2-Dichloropropane	7.488	77	70503	17.530	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	52451	18.362	ug/l	95
28) Bromochloromethane	7.812	49	34914	18.332	ug/l	88
29) Tetrahydrofuran	7.835	42	93379	82.716	ug/l	94
30) Chloroform	7.965	83	83982	19.033	ug/l	98
31) Cyclohexane	8.253	56	70204	15.972	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	71618	18.973	ug/l	96
36) 1,1-Dichloropropene	8.365	75	57195	18.498	ug/l	97
37) Ethyl Acetate	7.559	43	59638	18.321	ug/l	99
38) Carbon Tetrachloride	8.359	117	59768	20.298	ug/l	95
39) Methylcyclohexane	9.594	83	65674	17.870	ug/l	97
40) Benzene	8.606	78	186896	18.866	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086508.D
 Acq On : 06 May 2025 12:34
 Operator : JC\MD
 Sample : VN0506WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:54:34 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	7.777	41	31418	16.653	ug/l	91
42) 1,2-Dichloroethane	8.665	62	64691	20.478	ug/l	100
43) Isopropyl Acetate	8.682	43	109600	17.286	ug/l	98
44) Trichloroethene	9.347	130	47649	20.293	ug/l	94
45) 1,2-Dichloropropane	9.618	63	44962	18.542	ug/l	99
46) Dibromomethane	9.706	93	32828	21.247	ug/l	94
47) Bromodichloromethane	9.882	83	66500	19.928	ug/l	95
48) Methyl methacrylate	9.676	41	49579	17.344	ug/l	95
49) 1,4-Dioxane	9.688	88	19737	405.908	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	304166	91.250	ug/l	99
52) Toluene	10.629	92	121304	19.624	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	71696	19.247	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	76421	18.679	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	45459	20.440	ug/l	97
56) Ethyl methacrylate	10.871	69	76238	18.649	ug/l	97
57) 1,3-Dichloropropane	11.159	76	79182	20.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	134205	69.167	ug/l	96
59) 2-Hexanone	11.194	43	224272	90.709	ug/l	99
60) Dibromochloromethane	11.353	129	51858	21.235	ug/l	98
61) 1,2-Dibromoethane	11.465	107	47795	21.298	ug/l	99
64) Tetrachloroethene	11.100	164	48523	21.060	ug/l	98
65) Chlorobenzene	11.888	112	134763	20.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	46173	20.939	ug/l	98
67) Ethyl Benzene	11.959	91	231543	19.196	ug/l	97
68) m/p-Xylenes	12.070	106	179102	39.627	ug/l	97
69) o-Xylene	12.394	106	89910	20.115	ug/l	95
70) Styrene	12.406	104	148441	19.932	ug/l	99
71) Bromoform	12.576	173	34621	20.853	ug/l #	100
73) Isopropylbenzene	12.694	105	215837	18.902	ug/l	99
74) N-amyl acetate	12.488	43	90266	15.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	64783	19.732	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	61228m	18.587	ug/l	
77) Bromobenzene	12.976	156	53552	21.166	ug/l	90
78) n-propylbenzene	13.029	91	250953	18.651	ug/l	98
79) 2-Chlorotoluene	13.123	91	161453	19.176	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	179840	19.243	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23109	16.848	ug/l	94
82) 4-Chlorotoluene	13.217	91	158597	18.962	ug/l	97
83) tert-Butylbenzene	13.435	119	159687	19.719	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	180515	18.975	ug/l	98
85) sec-Butylbenzene	13.612	105	213449	19.003	ug/l	99
86) p-Isopropyltoluene	13.729	119	176728	19.088	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	95410	20.060	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	97281	20.307	ug/l	99
89) n-Butylbenzene	14.053	91	149297	18.193	ug/l	99
90) Hexachloroethane	14.329	117	28098	18.043	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	93271	20.227	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11973	18.086	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	42631	19.307	ug/l	99
94) Hexachlorobutadiene	15.494	225	16711	20.049	ug/l	98
95) Naphthalene	15.635	128	142810	18.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	40339	19.297	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086508.D
Acq On : 06 May 2025 12:34
Operator : JC\MD
Sample : VN0506WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:54:34 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

