

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085926.D
 Acq On : 10 Mar 2025 19:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 11 01:43:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2025
 Supervised By : Mahesh Dadoda 03/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	193866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	319633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107432	42.744	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.480%		
35) Dibromofluoromethane	8.165	113	90174	43.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.220%		
50) Toluene-d8	10.565	98	333224	43.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.580%		
62) 4-Bromofluorobenzene	12.847	95	119141	47.520	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	126782	48.079	ug/l	100
3) Chloromethane	2.359	50	128503	48.564	ug/l	95
4) Vinyl Chloride	2.512	62	129503	46.223	ug/l	99
5) Bromomethane	2.948	94	74151	41.392	ug/l	99
6) Chloroethane	3.118	64	76077	40.995	ug/l	93
7) Trichlorofluoromethane	3.495	101	190789	47.035	ug/l	99
8) Diethyl Ether	3.959	74	65958	50.255	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	109493	46.697	ug/l	100
10) Methyl Iodide	4.589	142	127826	44.226	ug/l	95
11) Tert butyl alcohol	5.518	59	74735	241.758	ug/l	100
12) 1,1-Dichloroethene	4.342	96	102831	48.368	ug/l	94
13) Acrolein	4.177	56	104639	228.259	ug/l	97
14) Allyl chloride	5.018	41	146428	52.459	ug/l	93
15) Acrylonitrile	5.718	53	266182	264.868	ug/l	99
16) Acetone	4.424	43	189839	238.705	ug/l	97
17) Carbon Disulfide	4.712	76	321992	51.103	ug/l	98
18) Methyl Acetate	5.018	43	110634	40.445	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	342268	54.177	ug/l	97
20) Methylene Chloride	5.271	84	123117	48.139	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	111972	48.913	ug/l	99
22) Diisopropyl ether	6.671	45	346591	54.952	ug/l	97
23) Vinyl Acetate	6.600	43	1234140	285.777	ug/l	99
24) 1,1-Dichloroethane	6.565	63	212424	49.544	ug/l	99
25) 2-Butanone	7.483	43	306855	262.266	ug/l	99
26) 2,2-Dichloropropane	7.488	77	172607	45.273	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	128624	48.458	ug/l	96
28) Bromochloromethane	7.812	49	90880	51.571	ug/l	93
29) Tetrahydrofuran	7.835	42	214041	283.299	ug/l	97
30) Chloroform	7.965	83	217203	48.476	ug/l	99
31) Cyclohexane	8.259	56	180449	50.266	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	193859	48.644	ug/l	99
36) 1,1-Dichloropropene	8.371	75	152972	51.678	ug/l	100
37) Ethyl Acetate	7.559	43	128021	52.554	ug/l	100
38) Carbon Tetrachloride	8.359	117	178566	50.770	ug/l	99
39) Methylcyclohexane	9.600	83	154756	53.218	ug/l	96
40) Benzene	8.606	78	487209	51.354	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085926.D
 Acq On : 10 Mar 2025 19:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 11 01:43:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2025
 Supervised By : Mahesh Dadoda 03/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	67919	52.157	ug/l	94
42) 1,2-Dichloroethane	8.665	62	154712	50.065	ug/l	99
43) Isopropyl Acetate	8.682	43	232193	54.361	ug/l	99
44) Trichloroethene	9.353	130	109163	46.863	ug/l	100
45) 1,2-Dichloropropane	9.618	63	120795	52.748	ug/l	100
46) Dibromomethane	9.706	93	80805	50.024	ug/l	99
47) Bromodichloromethane	9.888	83	172791	49.999	ug/l	98
48) Methyl methacrylate	9.677	41	101222	55.952	ug/l	97
49) 1,4-Dioxane	9.688	88	40122	1166.265	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	657104	279.785	ug/l	100
52) Toluene	10.629	92	300326	54.003	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	172534	53.991	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	189308	54.023	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	111050	50.223	ug/l	97
56) Ethyl methacrylate	10.871	69	170797	53.293	ug/l	98
57) 1,3-Dichloropropane	11.159	76	194436	52.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	345042	271.063	ug/l	99
59) 2-Hexanone	11.194	43	472004	292.134	ug/l	99
60) Dibromochloromethane	11.359	129	135142	52.488	ug/l	99
61) 1,2-Dibromoethane	11.465	107	107809	51.604	ug/l	98
64) Tetrachloroethene	11.100	164	103739	47.910	ug/l	96
65) Chlorobenzene	11.888	112	319128	49.841	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	115421	50.152	ug/l	99
67) Ethyl Benzene	11.959	91	558146	55.648	ug/l	100
68) m/p-Xylenes	12.071	106	444559	116.687	ug/l	99
69) o-Xylene	12.394	106	206870	57.141	ug/l	99
70) Styrene	12.406	104	354834	52.401	ug/l	98
71) Bromoform	12.576	173	91536	53.527	ug/l #	96
73) Isopropylbenzene	12.694	105	510796	51.273	ug/l	99
74) N-amyl acetate	12.494	43	192075	54.674	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	156513	45.655	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	148290m	45.908	ug/l	
77) Bromobenzene	12.976	156	128790	47.850	ug/l	95
78) n-propylbenzene	13.035	91	610651	53.522	ug/l	100
79) 2-Chlorotoluene	13.123	91	382570	50.186	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	441815	54.442	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	57049	51.532	ug/l	98
82) 4-Chlorotoluene	13.217	91	389465	51.536	ug/l	100
83) tert-Butylbenzene	13.435	119	356904	52.299	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	454629	56.624	ug/l	99
85) sec-Butylbenzene	13.612	105	503754	52.246	ug/l	99
86) p-Isopropyltoluene	13.729	119	421282	47.873	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	241332	47.858	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	242286	46.879	ug/l	100
89) n-Butylbenzene	14.053	91	345739	50.505	ug/l	98
90) Hexachloroethane	14.335	117	85971	47.080	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	232877	48.025	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28407	45.126	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	109419	47.355	ug/l	98
94) Hexachlorobutadiene	15.500	225	56205	40.024	ug/l	98
95) Naphthalene	15.641	128	313737	49.457	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106038	45.712	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
Data File : VN085926.D
Acq On : 10 Mar 2025 19:59
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 01:43:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

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

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

