

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085954.D
 Acq On : 12 Mar 2025 12:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 01:31:46 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	188899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148034	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101968	41.636	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.280%
35) Dibromofluoromethane	8.165	113	84437	43.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.120%
50) Toluene-d8	10.565	98	303119	42.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.980%#
62) 4-Bromofluorobenzene	12.847	95	114294	48.627	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	136151	52.989	ug/l	99
3) Chloromethane	2.359	50	125255	48.581	ug/l	100
4) Vinyl Chloride	2.512	62	126661	46.398	ug/l	99
5) Bromomethane	2.948	94	72494	41.531	ug/l	100
6) Chloroethane	3.118	64	71721m	39.664	ug/l	
7) Trichlorofluoromethane	3.495	101	189907	48.048	ug/l	99
8) Diethyl Ether	3.965	74	65293	51.056	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	107189	46.917	ug/l	99
10) Methyl Iodide	4.589	142	140552	49.908	ug/l	98
11) Tert butyl alcohol	5.518	59	75027	249.085	ug/l	98
12) 1,1-Dichloroethene	4.342	96	100976	48.744	ug/l	98
13) Acrolein	4.183	56	81416	182.271	ug/l	97
14) Allyl chloride	5.024	41	130676	48.047	ug/l	98
15) Acrylonitrile	5.712	53	253760	259.147	ug/l	98
16) Acetone	4.424	43	202846	261.767	ug/l	97
17) Carbon Disulfide	4.712	76	305245	49.719	ug/l	99
18) Methyl Acetate	5.030	43	107918	40.490	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	330443	53.681	ug/l	100
20) Methylene Chloride	5.271	84	117064	46.975	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	108382	48.590	ug/l	95
22) Diisopropyl ether	6.665	45	313857	51.070	ug/l	99
23) Vinyl Acetate	6.600	43	1126893	267.804	ug/l	100
24) 1,1-Dichloroethane	6.565	63	199312	47.708	ug/l	99
25) 2-Butanone	7.483	43	299719	262.903	ug/l	98
26) 2,2-Dichloropropane	7.494	77	183126	49.295	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	124950	48.312	ug/l	98
28) Bromochloromethane	7.806	49	81023	47.186	ug/l	97
29) Tetrahydrofuran	7.836	42	202311	274.814	ug/l	99
30) Chloroform	7.965	83	208513	47.760	ug/l	96
31) Cyclohexane	8.259	56	168806	48.259	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	191021	49.192	ug/l	97
36) 1,1-Dichloropropene	8.371	75	145584	52.463	ug/l	99
37) Ethyl Acetate	7.559	43	125524	54.967	ug/l	99
38) Carbon Tetrachloride	8.359	117	175064	53.094	ug/l	97
39) Methylcyclohexane	9.600	83	152593	55.974	ug/l	97
40) Benzene	8.606	78	458359	51.536	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085954.D
 Acq On : 12 Mar 2025 12:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 01:31:46 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)
41) Methacrylonitrile	7.777	41	63203	51.773	ug/l	94
42) 1,2-Dichloroethane	8.671	62	151875	52.425	ug/l	99
43) Isopropyl Acetate	8.688	43	210053	52.438	ug/l	98
44) Trichloroethene	9.347	130	102820	47.084	ug/l	99
45) 1,2-Dichloropropane	9.618	63	109688	51.093	ug/l	96
46) Dibromomethane	9.706	93	77944	51.472	ug/l	99
47) Bromodichloromethane	9.888	83	168710	52.074	ug/l	97
48) Methyl methacrylate	9.677	41	95053	56.046	ug/l	96
49) 1,4-Dioxane	9.688	88	38217	1184.989	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	632322	287.192	ug/l	100
52) Toluene	10.630	92	287818	55.206	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	166646	55.627	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	180148	54.838	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	106035	51.154	ug/l	97
56) Ethyl methacrylate	10.871	69	162099	53.876	ug/l	98
57) 1,3-Dichloropropane	11.165	76	182447	52.726	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	339063	280.568	ug/l	99
59) 2-Hexanone	11.194	43	459924	303.645	ug/l	97
60) Dibromochloromethane	11.359	129	131193	54.353	ug/l	99
61) 1,2-Dibromoethane	11.471	107	104489	53.351	ug/l	98
64) Tetrachloroethene	11.100	164	101479	48.395	ug/l	95
65) Chlorobenzene	11.888	112	304735	49.146	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	111684	50.111	ug/l	99
67) Ethyl Benzene	11.965	91	529169	54.480	ug/l	98
68) m/p-Xylenes	12.071	106	423460	114.775	ug/l	99
69) o-Xylene	12.394	106	197549	56.347	ug/l	99
70) Styrene	12.412	104	340692	51.998	ug/l	98
71) Bromoform	12.576	173	89682	54.153	ug/l #	98
73) Isopropylbenzene	12.694	105	495437	48.851	ug/l	100
74) N-amyl acetate	12.494	43	180589	50.495	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	151538	43.422	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	146652m	44.598	ug/l	
77) Bromobenzene	12.976	156	125399	45.766	ug/l	96
78) n-propylbenzene	13.035	91	598428	51.523	ug/l	100
79) 2-Chlorotoluene	13.123	91	366464	47.223	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	436967	52.892	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	62822	55.742	ug/l	95
82) 4-Chlorotoluene	13.218	91	382611	49.733	ug/l	100
83) tert-Butylbenzene	13.435	119	349719	50.340	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	443127	54.215	ug/l	98
85) sec-Butylbenzene	13.618	105	506043	51.555	ug/l	100
86) p-Isopropyltoluene	13.729	119	429702	47.959	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	238252	46.411	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	238381	45.307	ug/l	100
89) n-Butylbenzene	14.053	91	355294	50.982	ug/l	98
90) Hexachloroethane	14.329	117	82377	44.314	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	229182	46.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30115	46.993	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	113254	48.147	ug/l	99
94) Hexachlorobutadiene	15.500	225	62239	43.537	ug/l	98
95) Naphthalene	15.641	128	323857	50.149	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	111582	47.251	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
Data File : VN085954.D
Acq On : 12 Mar 2025 12:30
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Mar 13 01:31:46 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

