

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN085996.D
 Acq On : 18 Mar 2025 11:44
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 19 02:52:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 02:30:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	182974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	231291	92.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 184.620%#			
35) Dibromofluoromethane	8.165	113	186688	95.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 190.880%#			
50) Toluene-d8	10.565	98	733621	103.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 206.680%#			
62) 4-Bromofluorobenzene	12.847	95	288124	113.805	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 227.620%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	258760	106.744	ug/l	100
3) Chloromethane	2.359	50	210559	99.080	ug/l	99
4) Vinyl Chloride	2.506	62	227757	104.817	ug/l	99
5) Bromomethane	2.930	94	141847	95.836	ug/l	95
6) Chloroethane	3.106	64	130043	94.868	ug/l	90
7) Trichlorofluoromethane	3.489	101	387652	99.243	ug/l	99
8) Diethyl Ether	3.953	74	129491	108.290	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	209946	101.130	ug/l	99
10) Methyl Iodide	4.583	142	296609	109.651	ug/l	95
11) Tert butyl alcohol	5.518	59	172466	486.176	ug/l	99
12) 1,1-Dichloroethene	4.336	96	207400	110.639	ug/l	96
13) Acrolein	4.171	56	180315	476.573	ug/l	98
14) Allyl chloride	5.018	41	249826	106.826	ug/l	98
15) Acrylonitrile	5.712	53	486527	519.314	ug/l	99
16) Acetone	4.418	43	459532	600.330	ug/l	100
17) Carbon Disulfide	4.706	76	603612	97.911	ug/l	99
18) Methyl Acetate	5.018	43	178753	94.384	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	690939	112.481	ug/l	99
20) Methylene Chloride	5.265	84	224327	100.177	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	220657	107.710	ug/l	99
22) Diisopropyl ether	6.665	45	559282	112.225	ug/l	99
23) Vinyl Acetate	6.600	43	2187667	579.034	ug/l	100
24) 1,1-Dichloroethane	6.559	63	374239	102.121	ug/l	99
25) 2-Butanone	7.477	43	605615	548.306	ug/l	99
26) 2,2-Dichloropropane	7.483	77	377635	107.034	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	251929	108.218	ug/l	98
28) Bromochloromethane	7.812	49	147305	94.874	ug/l	98
29) Tetrahydrofuran	7.830	42	372372	546.087	ug/l	99
30) Chloroform	7.965	83	409546	101.106	ug/l	99
31) Cyclohexane	8.253	56	325757	104.345	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	400089	104.344	ug/l	98
36) 1,1-Dichloropropene	8.365	75	296177	114.993	ug/l	100
37) Ethyl Acetate	7.559	43	224022	103.099	ug/l	98
38) Carbon Tetrachloride	8.359	117	377239	111.395	ug/l	98
39) Methylcyclohexane	9.600	83	324420	126.957	ug/l	97
40) Benzene	8.600	78	902443	111.613	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN085996.D
 Acq On : 18 Mar 2025 11:44
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 19 02:52:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 02:30:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
 Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	123440	118.971	ug/l	95
42) 1,2-Dichloroethane	8.665	62	301678	107.080	ug/l	99
43) Isopropyl Acetate	8.683	43	398367	84.427	ug/l	99
44) Trichloroethene	9.347	130	220997	105.460	ug/l	92
45) 1,2-Dichloropropane	9.618	63	205313	111.644	ug/l	97
46) Dibromomethane	9.706	93	156183	107.992	ug/l	100
47) Bromodichloromethane	9.882	83	336242	111.244	ug/l	99
48) Methyl methacrylate	9.677	41	183832	118.314	ug/l	98
49) 1,4-Dioxane	9.688	88	83630	2276.865	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	1216534	585.839	ug/l	100
52) Toluene	10.629	92	601872	121.286	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	362129	123.365	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	369494	119.304	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	213909	112.938	ug/l	96
56) Ethyl methacrylate	10.871	69	354676	100.009	ug/l	99
57) 1,3-Dichloropropane	11.159	76	368384	114.512	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	678829	498.510	ug/l	99
59) 2-Hexanone	11.194	43	935328	618.290	ug/l	99
60) Dibromochloromethane	11.359	129	281651	115.239	ug/l	99
61) 1,2-Dibromoethane	11.465	107	224197	115.301	ug/l	98
64) Tetrachloroethene	11.100	164	217951	102.122	ug/l	98
65) Chlorobenzene	11.888	112	657655	107.422	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	241702	106.205	ug/l	98
67) Ethyl Benzene	11.959	91	1182051	120.702	ug/l	99
68) m/p-Xylenes	12.071	106	927553	240.977	ug/l	99
69) o-Xylene	12.394	106	444866	125.926	ug/l	99
70) Styrene	12.412	104	765959	126.938	ug/l	100
71) Bromoform	12.576	173	209637	110.191	ug/l #	99
73) Isopropylbenzene	12.694	105	1139716	113.143	ug/l	100
74) N-amyl acetate	12.494	43	377161	111.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	317335	93.117	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	315551m	93.831	ug/l	
77) Bromobenzene	12.976	156	284449	101.270	ug/l	100
78) n-propylbenzene	13.035	91	1341141	117.577	ug/l	100
79) 2-Chlorotoluene	13.123	91	832060	109.823	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	1002727	117.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	143254	114.684	ug/l	97
82) 4-Chlorotoluene	13.218	91	861737	110.605	ug/l	99
83) tert-Butylbenzene	13.435	119	820651	112.824	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1024294	119.410	ug/l	100
85) sec-Butylbenzene	13.612	105	1160166	122.266	ug/l	100
86) p-Isopropyltoluene	13.729	119	1015859	126.470	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	543572	107.364	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	538505	101.234	ug/l	99
89) n-Butylbenzene	14.053	91	848367	129.699	ug/l	100
90) Hexachloroethane	14.329	117	187906	101.383	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	506350	100.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	70713	103.948	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	280971	111.025	ug/l	99
94) Hexachlorobutadiene	15.500	225	144077	98.130	ug/l	99
95) Naphthalene	15.641	128	843691	115.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	265586	110.600	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
Data File : VN085996.D
Acq On : 18 Mar 2025 11:44
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:52:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 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\VN031825\
Data File : VN085996.D
Acq On : 18 Mar 2025 11:44
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/19/2025
Supervised By : Mahesh Dadoda 03/19/2025

Quant Time: Mar 19 02:52:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 02:30:27 2025
Response via : Initial Calibration

