

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086233.D
 Acq On : 07 Apr 2025 13:33
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 08 03:52:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 03:08:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	84987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	132456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	117626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	57145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	69556	64.699	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.400%#	
35) Dibromofluoromethane	8.165	113	45480	67.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 135.860%#	
50) Toluene-d8	10.565	98	201317	72.648	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 145.300%#	
62) 4-Bromofluorobenzene	12.847	95	73503	75.052	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 150.100%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	24978	33.855	ug/l	97
3) Chloromethane	2.359	50	24919	29.922	ug/l	98
4) Vinyl Chloride	2.518	62	23509	31.550	ug/l	97
5) Bromomethane	2.965	94	11977	32.371	ug/l	86
6) Chloroethane	3.124	64	12923	29.321	ug/l	# 74
7) Trichlorofluoromethane	3.500	101	30832	28.373	ug/l	100
8) Diethyl Ether	3.959	74	10141	30.332	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	18334	32.270	ug/l	98
10) Methyl Iodide	4.589	142	22258	33.232	ug/l	97
11) Tert butyl alcohol	5.506	59	15706	161.378	ug/l	# 84
12) 1,1-Dichloroethene	4.336	96	16521	28.761	ug/l	99
13) Acrolein	4.171	56	117060	777.216	ug/l	99
14) Allyl chloride	5.030	41	22076m	27.777	ug/l	
15) Acrylonitrile	5.712	53	42303	143.911	ug/l	99
16) Acetone	4.424	43	25590	103.893	ug/l	89
17) Carbon Disulfide	4.712	76	52313	28.460	ug/l	99
18) Methyl Acetate	5.024	43	18715	24.724	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	57331	29.801	ug/l	92
20) Methylene Chloride	5.277	84	20171	30.957	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	19066	30.080	ug/l	94
22) Diisopropyl ether	6.665	45	48608	30.654	ug/l	96
23) Vinyl Acetate	6.594	43	178216	156.269	ug/l	98
24) 1,1-Dichloroethane	6.559	63	31192	28.138	ug/l	98
25) 2-Butanone	7.477	43	43692	123.600	ug/l	93
26) 2,2-Dichloropropane	7.488	77	30790	27.649	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	21383	27.965	ug/l	97
28) Bromochloromethane	7.812	49	18474	35.676	ug/l	95
29) Tetrahydrofuran	7.835	42	32663	144.467	ug/l	96
30) Chloroform	7.959	83	35818	28.341	ug/l	91
31) Cyclohexane	8.253	56	36671	36.446	ug/l	# 93
32) 1,1,1-Trichloroethane	8.165	97	33352	28.902	ug/l	93
36) 1,1-Dichloropropene	8.371	75	24177	33.139	ug/l	96
37) Ethyl Acetate	7.553	43	20109	30.537	ug/l	96
38) Carbon Tetrachloride	8.359	117	28899	30.652	ug/l	96
39) Methylcyclohexane	9.600	83	31991	36.639	ug/l	93
40) Benzene	8.600	78	77686	30.753	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086233.D
 Acq On : 07 Apr 2025 13:33
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 08 03:52:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 03:08:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	11427	31.327	ug/l	98
42) 1,2-Dichloroethane	8.665	62	26894	32.096	ug/l	100
43) Isopropyl Acetate	8.682	43	36925	24.169	ug/l	95
44) Trichloroethene	9.347	130	20471	31.582	ug/l	95
45) 1,2-Dichloropropane	9.618	63	18149	32.069	ug/l #	85
46) Dibromomethane	9.706	93	13374	31.881	ug/l	97
47) Bromodichloromethane	9.882	83	28197	31.889	ug/l	96
48) Methyl methacrylate	9.676	41	15199	31.626	ug/l	98
49) 1,4-Dioxane	9.688	88	7878	695.524	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	99899	157.410	ug/l	99
52) Toluene	10.629	92	49513	32.760	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	29045	31.734	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	30460	30.870	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	17661	29.917	ug/l	87
56) Ethyl methacrylate	10.871	69	25265	34.000	ug/l	97
57) 1,3-Dichloropropane	11.159	76	30783	31.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	33328	84.015	ug/l	99
59) 2-Hexanone	11.194	43	73550	165.074	ug/l	95
60) Dibromochloromethane	11.359	129	21235	30.656	ug/l	98
61) 1,2-Dibromoethane	11.465	107	18211	33.187	ug/l	99
64) Tetrachloroethene	11.100	164	25323	36.515	ug/l	95
65) Chlorobenzene	11.888	112	54622	31.784	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	18824	30.766	ug/l	98
67) Ethyl Benzene	11.959	91	96997	35.603	ug/l	100
68) m/p-Xylenes	12.070	106	79165	76.007	ug/l	98
69) o-Xylene	12.394	106	36240	35.199	ug/l	100
70) Styrene	12.412	104	56411	36.077	ug/l	100
71) Bromoform	12.576	173	14100	31.168	ug/l #	99
73) Isopropylbenzene	12.694	105	103660	39.630	ug/l	98
74) N-amyl acetate	12.488	43	26647	33.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	22152	28.101	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	20976m	23.731	ug/l	
77) Bromobenzene	12.976	156	23036	33.504	ug/l	95
78) n-propylbenzene	13.029	91	119511	40.851	ug/l	99
79) 2-Chlorotoluene	13.123	91	76200	37.464	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	89151	41.657	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	9353	35.808	ug/l	96
82) 4-Chlorotoluene	13.217	91	75700	38.324	ug/l	97
83) tert-Butylbenzene	13.435	119	75022	41.010	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	91738	43.306	ug/l	98
85) sec-Butylbenzene	13.611	105	101016	41.838	ug/l	99
86) p-Isopropyltoluene	13.723	119	85145	42.511	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	49006	36.831	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	48438	35.590	ug/l	97
89) n-Butylbenzene	14.053	91	70181	41.698	ug/l	95
90) Hexachloroethane	14.329	117	14284	36.780	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	46333	34.686	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	5168	29.329	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	27103	39.907	ug/l	95
94) Hexachlorobutadiene	15.500	225	13335	35.848	ug/l	97
95) Naphthalene	15.635	128	78510	39.953	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	26246	40.173	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
Data File : VN086233.D
Acq On : 07 Apr 2025 13:33
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Apr 08 03:52:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 08 03:08:50 2025
Response via : Initial Calibration

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

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

