

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN086000.D
 Acq On : 18 Mar 2025 13:21
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 19 02:56:20 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	163796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	12074	5.383	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.760%#		
35) Dibromofluoromethane	8.165	113	9983	5.274	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.540%#		
50) Toluene-d8	10.565	98	32999	4.803	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.600%#		
62) 4-Bromofluorobenzene	12.847	95	10615	4.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	8.660%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	11420	5.263	ug/l	92
3) Chloromethane	2.359	50	10021	5.268	ug/l	99
4) Vinyl Chloride	2.506	62	10389	5.341	ug/l	100
5) Bromomethane	2.942	94	7641	5.767	ug/l	94
6) Chloroethane	3.106	64	6607	5.384	ug/l	94
7) Trichlorofluoromethane	3.489	101	18136	5.187	ug/l	94
8) Diethyl Ether	3.965	74	5061	4.728	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	9669	5.203	ug/l	97
10) Methyl Iodide	4.589	142	12547	5.181	ug/l	94
11) Tert butyl alcohol	5.518	59	8843	27.847	ug/l #	93
12) 1,1-Dichloroethene	4.336	96	9006	5.367	ug/l	91
13) Acrolein	4.183	56	9429	27.839	ug/l	97
14) Allyl chloride	5.018	41	11201	5.350	ug/l	95
15) Acrylonitrile	5.724	53	22174	26.440	ug/l	98
16) Acetone	4.436	43	17456	25.474	ug/l	96
17) Carbon Disulfide	4.706	76	28904	5.237	ug/l	98
18) Methyl Acetate	5.024	43	8878	5.237	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	26823	4.878	ug/l	94
20) Methylene Chloride	5.277	84	10471	5.223	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	9241	5.039	ug/l	85
22) Diisopropyl ether	6.671	45	22716	5.092	ug/l	91
23) Vinyl Acetate	6.606	43	83783	24.772	ug/l	98
24) 1,1-Dichloroethane	6.571	63	16897	5.151	ug/l	99
25) 2-Butanone	7.482	43	26095	26.392	ug/l	96
26) 2,2-Dichloropropane	7.488	77	16658	5.274	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	10741	5.154	ug/l	98
28) Bromochloromethane	7.812	49	7039	5.064	ug/l #	99
29) Tetrahydrofuran	7.847	42	16104	26.382	ug/l	97
30) Chloroform	7.965	83	18814	5.188	ug/l	95
31) Cyclohexane	8.247	56	15682	5.611	ug/l	87
32) 1,1,1-Trichloroethane	8.165	97	17962	5.233	ug/l	92
36) 1,1-Dichloropropene	8.365	75	12303	4.936	ug/l	96
37) Ethyl Acetate	7.565	43	11164	5.309	ug/l	98
38) Carbon Tetrachloride	8.359	117	16628	5.074	ug/l	99
39) Methylcyclohexane	9.600	83	11562	4.675	ug/l #	86
40) Benzene	8.606	78	39414	5.037	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	5095	5.074	ug/l	94
42) 1,2-Dichloroethane	8.671	62	14311	5.249	ug/l	97
43) Isopropyl Acetate	8.688	43	22794	4.992	ug/l #	87
44) Trichloroethene	9.353	130	10304	5.081	ug/l	93
45) 1,2-Dichloropropane	9.618	63	9026	5.071	ug/l	100
46) Dibromomethane	9.706	93	7270	5.194	ug/l	95
47) Bromodichloromethane	9.888	83	15203	5.197	ug/l	93
48) Methyl methacrylate	9.682	41	6970	4.635	ug/l	95
49) 1,4-Dioxane	9.700	88	3831	107.772	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	50081	24.920	ug/l	95
52) Toluene	10.629	92	23224	4.836	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	13594	4.785	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	14556	4.856	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	9178	5.007	ug/l	95
56) Ethyl methacrylate	10.870	69	11206	4.940	ug/l	93
57) 1,3-Dichloropropane	11.165	76	15126	4.858	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	25811	31.548	ug/l	100
59) 2-Hexanone	11.194	43	35455	24.217	ug/l	96
60) Dibromochloromethane	11.359	129	11813	4.994	ug/l	99
61) 1,2-Dibromoethane	11.465	107	9143	4.859	ug/l	90
64) Tetrachloroethene	11.106	164	9809	5.284	ug/l	93
65) Chlorobenzene	11.888	112	26908	5.053	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	10358	5.232	ug/l	96
67) Ethyl Benzene	11.965	91	40845	4.795	ug/l	99
68) m/p-Xylenes	12.065	106	30743	9.182	ug/l	98
69) o-Xylene	12.400	106	13604	4.427	ug/l	94
70) Styrene	12.406	104	24028	4.578	ug/l	99
71) Bromoform	12.570	173	8257	4.989	ug/l #	95
73) Isopropylbenzene	12.694	105	35476	4.780	ug/l	99
74) N-amyl acetate	12.494	43	11933	4.806	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	13700	5.457	ug/l	94
76) 1,2,3-Trichloropropane	12.988	75	13734m	5.543	ug/l	
77) Bromobenzene	12.976	156	10805	5.222	ug/l	94
78) n-propylbenzene	13.035	91	40052	4.766	ug/l	98
79) 2-Chlorotoluene	13.123	91	27970	5.011	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	28674	4.576	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	4314	4.688	ug/l	96
82) 4-Chlorotoluene	13.217	91	27891	4.859	ug/l	98
83) tert-Butylbenzene	13.435	119	24760	4.621	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	29165	4.615	ug/l	100
85) sec-Butylbenzene	13.617	105	32694	4.677	ug/l	97
86) p-Isopropyltoluene	13.729	119	26188	4.425	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	18666	5.004	ug/l	97
88) 1,4-Dichlorobenzene	13.806	146	20725	5.288	ug/l	96
89) n-Butylbenzene	14.059	91	21529	4.468	ug/l	96
90) Hexachloroethane	14.335	117	7037	5.154	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	18733	5.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	2714	5.415	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	9252	4.962	ug/l	95
94) Hexachlorobutadiene	15.500	225	5668	5.240	ug/l	97
95) Naphthalene	15.641	128	24023	4.450	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	8594	4.858	ug/l	98

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

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