

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086088.D
 Acq On : 24 Mar 2025 21:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 25 01:33:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	317883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	529798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	466378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	227800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	205405	47.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.380%		
35) Dibromofluoromethane	8.165	113	176766	47.801	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	10.565	98	662496	49.363	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.720%		
62) 4-Bromofluorobenzene	12.847	95	232246	48.523	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	156597	37.184	ug/l	97
3) Chloromethane	2.359	50	178996	48.482	ug/l	100
4) Vinyl Chloride	2.512	62	197513	52.321	ug/l	100
5) Bromomethane	2.942	94	122927	47.805	ug/l	95
6) Chloroethane	3.112	64	126772	53.232	ug/l	94
7) Trichlorofluoromethane	3.495	101	290246	42.771	ug/l	97
8) Diethyl Ether	3.959	74	108719	52.333	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	165991	46.024	ug/l	96
10) Methyl Iodide	4.589	142	242297	51.558	ug/l	99
11) Tert butyl alcohol	5.518	59	144067	233.764	ug/l	98
12) 1,1-Dichloroethene	4.342	96	166281	51.058	ug/l	96
13) Acrolein	4.177	56	207242	315.280	ug/l	98
14) Allyl chloride	5.024	41	219667	54.066	ug/l	97
15) Acrylonitrile	5.712	53	431002	264.804	ug/l	99
16) Acetone	4.424	43	328441	246.975	ug/l	92
17) Carbon Disulfide	4.712	76	450695	42.080	ug/l	100
18) Methyl Acetate	5.024	43	191631	58.242	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	552030	51.728	ug/l	96
20) Methylene Chloride	5.277	84	186089	47.833	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	174219	48.950	ug/l	96
22) Diisopropyl ether	6.671	45	529368	61.142	ug/l	98
23) Vinyl Acetate	6.600	43	1953436	297.629	ug/l	98
24) 1,1-Dichloroethane	6.565	63	323636	50.833	ug/l	98
25) 2-Butanone	7.483	43	523677	272.905	ug/l	92
26) 2,2-Dichloropropane	7.489	77	249058	40.633	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	209693	51.847	ug/l	98
28) Bromochloromethane	7.812	49	137516	50.980	ug/l	96
29) Tetrahydrofuran	7.836	42	354136	298.935	ug/l	92
30) Chloroform	7.965	83	333161	47.342	ug/l	97
31) Cyclohexane	8.253	56	263805	48.639	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	302375	45.392	ug/l	98
36) 1,1-Dichloropropene	8.371	75	235317	48.327	ug/l	99
37) Ethyl Acetate	7.559	43	215194	52.385	ug/l	97
38) Carbon Tetrachloride	8.359	117	271968	42.480	ug/l	98
39) Methylcyclohexane	9.600	83	231202	47.858	ug/l	97
40) Benzene	8.606	78	744991	48.738	ug/l	100

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41) Methacrylonitrile	7.777	41	114218	58.229	ug/l	92
42) 1,2-Dichloroethane	8.665	62	234127	43.958	ug/l	97
43) Isopropyl Acetate	8.688	43	380981	42.799	ug/l	95
44) Trichloroethene	9.353	130	180333	45.519	ug/l	97
45) 1,2-Dichloropropane	9.618	63	180387	51.885	ug/l	97
46) Dibromomethane	9.706	93	129331	47.302	ug/l	98
47) Bromodichloromethane	9.882	83	266752	46.682	ug/l	98
48) Methyl methacrylate	9.677	41	166877	56.810	ug/l	96
49) 1,4-Dioxane	9.694	88	71579	1030.807	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	1100297	280.273	ug/l	95
52) Toluene	10.630	92	469093	50.001	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	266981	48.109	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	291492	49.784	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	177157	49.475	ug/l	97
56) Ethyl methacrylate	10.871	69	280142	50.128	ug/l	95
57) 1,3-Dichloropropane	11.159	76	298871	49.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	619838	282.293	ug/l	98
59) 2-Hexanone	11.194	43	795881	278.287	ug/l	94
60) Dibromochloromethane	11.359	129	217036	46.972	ug/l	98
61) 1,2-Dibromoethane	11.465	107	179854	48.926	ug/l	98
64) Tetrachloroethene	11.100	164	170946	45.949	ug/l	97
65) Chlorobenzene	11.888	112	513973	48.161	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	185282	46.704	ug/l	98
67) Ethyl Benzene	11.959	91	874499	51.227	ug/l	99
68) m/p-Xylenes	12.071	106	682869	101.773	ug/l	98
69) o-Xylene	12.394	106	328250	53.302	ug/l	96
70) Styrene	12.406	104	552550	52.531	ug/l	97
71) Bromoform	12.576	173	149329	45.028	ug/l #	99
73) Isopropylbenzene	12.694	105	812521	52.232	ug/l	98
74) N-amyl acetate	12.488	43	302600	58.141	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	249803	47.465	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	257177m	50.427	ug/l	
77) Bromobenzene	12.976	156	204232	47.084	ug/l	99
78) n-propylbenzene	13.035	91	930453	52.821	ug/l	99
79) 2-Chlorotoluene	13.123	91	585652	50.055	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	671343	51.115	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	95761	49.642	ug/l	95
82) 4-Chlorotoluene	13.218	91	586173	48.718	ug/l	97
83) tert-Butylbenzene	13.435	119	565353	50.330	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	677694	51.158	ug/l	98
85) sec-Butylbenzene	13.612	105	776087	52.962	ug/l	100
86) p-Isopropyltoluene	13.723	119	656663	52.938	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	371449	47.508	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	365859	44.537	ug/l	99
89) n-Butylbenzene	14.053	91	504691	49.963	ug/l	100
90) Hexachloroethane	14.329	117	128136	44.768	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	361437	46.502	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45853	43.647	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	176176	45.079	ug/l	100
94) Hexachlorobutadiene	15.500	225	85293	37.617	ug/l	99
95) Naphthalene	15.635	128	534198	47.205	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	170522	45.983	ug/l	98

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

