

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086090.D
 Acq On : 25 Mar 2025 10:27
 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 26 03:12:37 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 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	231359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	157468	49.704	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.400%		
35) Dibromofluoromethane	8.165	113	134729	51.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.600%		
50) Toluene-d8	10.565	98	507830	53.276	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.560%		
62) 4-Bromofluorobenzene	12.847	95	185042	54.434	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	144351	47.094	ug/l	98
3) Chloromethane	2.359	50	148662	55.324	ug/l	99
4) Vinyl Chloride	2.512	62	156599	56.997	ug/l	99
5) Bromomethane	2.942	94	93603	50.015	ug/l	98
6) Chloroethane	3.112	64	94820	54.706	ug/l	92
7) Trichlorofluoromethane	3.494	101	235778	47.738	ug/l	99
8) Diethyl Ether	3.959	74	82945	54.858	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	137947	52.552	ug/l	98
10) Methyl Iodide	4.583	142	182352	53.314	ug/l	98
11) Tert butyl alcohol	5.518	59	109989	245.212	ug/l	98
12) 1,1-Dichloroethene	4.336	96	128882	54.374	ug/l	97
13) Acrolein	4.177	56	177814	371.677	ug/l	99
14) Allyl chloride	5.024	41	158570	53.625	ug/l	97
15) Acrylonitrile	5.718	53	349363	294.919	ug/l	99
16) Acetone	4.424	43	253871	262.295	ug/l	98
17) Carbon Disulfide	4.706	76	365486	46.887	ug/l	100
18) Methyl Acetate	5.018	43	149406	62.390	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	422716	54.424	ug/l	98
20) Methylene Chloride	5.271	84	148955	52.607	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	137136	52.941	ug/l	97
22) Diisopropyl ether	6.671	45	382340	60.675	ug/l	95
23) Vinyl Acetate	6.600	43	1404300	293.979	ug/l	98
24) 1,1-Dichloroethane	6.565	63	251273	54.227	ug/l	98
25) 2-Butanone	7.477	43	398097	285.048	ug/l	96
26) 2,2-Dichloropropane	7.482	77	226204	50.705	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	160726	54.602	ug/l	99
28) Bromochloromethane	7.812	49	109660	55.857	ug/l	95
29) Tetrahydrofuran	7.835	42	272777	316.370	ug/l	95
30) Chloroform	7.965	83	262080	51.169	ug/l	99
31) Cyclohexane	8.253	56	206158	52.225	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	238504	49.193	ug/l	100
36) 1,1-Dichloropropene	8.371	75	185156	53.539	ug/l	100
37) Ethyl Acetate	7.559	43	161103	55.218	ug/l	98
38) Carbon Tetrachloride	8.359	117	220942	48.589	ug/l	99
39) Methylcyclohexane	9.600	83	185925	54.188	ug/l	94
40) Benzene	8.600	78	579356	53.365	ug/l	100

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41) Methacrylonitrile	7.771	41	82410	59.153	ug/l	95
42) 1,2-Dichloroethane	8.665	62	179900	47.557	ug/l	98
43) Isopropyl Acetate	8.682	43	266532	42.158	ug/l	99
44) Trichloroethene	9.347	130	135986	48.329	ug/l	98
45) 1,2-Dichloropropane	9.618	63	142424	57.679	ug/l	100
46) Dibromomethane	9.706	93	101819	52.433	ug/l	99
47) Bromodichloromethane	9.882	83	210315	51.821	ug/l	98
48) Methyl methacrylate	9.676	41	121770	58.367	ug/l	97
49) 1,4-Dioxane	9.694	88	57108	1157.939	ug/l	91
51) 4-Methyl-2-Pentanone	10.441	43	853814	306.218	ug/l	98
52) Toluene	10.629	92	370364	55.584	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	212820	53.995	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	227195	54.634	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	137870	54.212	ug/l	96
56) Ethyl methacrylate	10.870	69	216154	53.688	ug/l	98
57) 1,3-Dichloropropane	11.159	76	240537	55.686	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	465473	295.351	ug/l	97
59) 2-Hexanone	11.194	43	631957	311.121	ug/l	98
60) Dibromochloromethane	11.359	129	170058	51.820	ug/l	97
61) 1,2-Dibromoethane	11.465	107	138476	53.039	ug/l	97
64) Tetrachloroethene	11.100	164	133798	48.460	ug/l	99
65) Chlorobenzene	11.888	112	397294	50.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	146568	49.783	ug/l	99
67) Ethyl Benzene	11.959	91	687181	54.241	ug/l	98
68) m/p-Xylenes	12.070	106	549680	110.388	ug/l	100
69) o-Xylene	12.394	106	259301	56.737	ug/l	97
70) Styrene	12.406	104	449282	57.555	ug/l	98
71) Bromoform	12.576	173	120995	49.161	ug/l #	99
73) Isopropylbenzene	12.694	105	650447	52.382	ug/l	99
74) N-amyl acetate	12.494	43	235151	56.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	205127	48.828	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	197766m	48.579	ug/l	
77) Bromobenzene	12.976	156	168220	48.584	ug/l	98
78) n-propylbenzene	13.035	91	765735	54.458	ug/l	100
79) 2-Chlorotoluene	13.123	91	487099	52.155	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	568702	54.245	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	77298	50.200	ug/l	99
82) 4-Chlorotoluene	13.217	91	494232	51.460	ug/l	98
83) tert-Butylbenzene	13.435	119	454624	50.703	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	570180	53.922	ug/l	99
85) sec-Butylbenzene	13.611	105	648322	55.426	ug/l	99
86) p-Isopropyltoluene	13.729	119	548158	55.360	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	313749	50.271	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	308043	46.977	ug/l	100
89) n-Butylbenzene	14.053	91	437241	54.226	ug/l	99
90) Hexachloroethane	14.329	117	108700	47.576	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	299951	48.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40345	48.111	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	142178	45.575	ug/l	98
94) Hexachlorobutadiene	15.500	225	77894	43.038	ug/l	99
95) Naphthalene	15.635	128	432683	47.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	141022	47.640	ug/l	98

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

