

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086116.D
 Acq On : 25 Mar 2025 21:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 26 03:28:16 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	192914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	137837	52.178	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.360%			
35) Dibromofluoromethane	8.165	113	115106	53.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.120%			
50) Toluene-d8	10.565	98	441127	56.025	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.060%			
62) 4-Bromofluorobenzene	12.847	95	156203	55.628	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115221	45.082	ug/l	96
3) Chloromethane	2.359	50	112798	50.343	ug/l	98
4) Vinyl Chloride	2.512	62	121101	52.861	ug/l	98
5) Bromomethane	2.953	94	75049	48.093	ug/l	99
6) Chloroethane	3.118	64	75113	51.972	ug/l	93
7) Trichlorofluoromethane	3.500	101	189439	46.000	ug/l	99
8) Diethyl Ether	3.959	74	62954	49.934	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	109660	50.101	ug/l	97
10) Methyl Iodide	4.589	142	142755	50.055	ug/l	98
11) Tert butyl alcohol	5.512	59	72850	194.780	ug/l	99
12) 1,1-Dichloroethene	4.342	96	102141	51.680	ug/l	98
13) Acrolein	4.177	56	94595	237.132	ug/l	98
14) Allyl chloride	5.024	41	124671	50.563	ug/l	97
15) Acrylonitrile	5.718	53	255330	258.494	ug/l	99
16) Acetone	4.424	43	181651	225.080	ug/l	98
17) Carbon Disulfide	4.712	76	290920	44.758	ug/l	99
18) Methyl Acetate	5.024	43	113454	56.819	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	336614	51.975	ug/l	96
20) Methylene Chloride	5.277	84	120404	50.998	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	111496	51.621	ug/l	99
22) Diisopropyl ether	6.671	45	306413	58.316	ug/l	97
23) Vinyl Acetate	6.600	43	1092922	274.390	ug/l	99
24) 1,1-Dichloroethane	6.565	63	203334	52.626	ug/l	99
25) 2-Butanone	7.482	43	288351	247.613	ug/l	94
26) 2,2-Dichloropropane	7.488	77	161584	43.439	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	130259	53.071	ug/l	99
28) Bromochloromethane	7.812	49	87362	53.367	ug/l	93
29) Tetrahydrofuran	7.835	42	197294	274.425	ug/l	95
30) Chloroform	7.965	83	217958	51.036	ug/l	99
31) Cyclohexane	8.253	56	165017	50.134	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	199728	49.405	ug/l	99
36) 1,1-Dichloropropene	8.371	75	147853	51.757	ug/l	99
37) Ethyl Acetate	7.559	43	118905	49.338	ug/l	98
38) Carbon Tetrachloride	8.359	117	183481	48.849	ug/l	98
39) Methylcyclohexane	9.600	83	143989	50.804	ug/l	93
40) Benzene	8.606	78	471763	52.606	ug/l	99

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41) Methacrylonitrile	7.777	41	63653	55.312	ug/l	96
42) 1,2-Dichloroethane	8.665	62	151338	48.432	ug/l	97
43) Isopropyl Acetate	8.682	43	216396	41.436	ug/l	96
44) Trichloroethene	9.347	130	109650	47.177	ug/l	94
45) 1,2-Dichloropropane	9.618	63	112349	55.082	ug/l	98
46) Dibromomethane	9.706	93	80681	50.298	ug/l	99
47) Bromodichloromethane	9.888	83	171831	51.256	ug/l	97
48) Methyl methacrylate	9.676	41	93336	54.160	ug/l	98
49) 1,4-Dioxane	9.694	88	40209	986.995	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	632245	274.509	ug/l	97
52) Toluene	10.629	92	304750	55.369	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	167788	51.536	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	180320	52.494	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	113302	53.934	ug/l	97
56) Ethyl methacrylate	10.871	69	165791	50.492	ug/l	98
57) 1,3-Dichloropropane	11.159	76	192053	53.825	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	378789	291.798	ug/l	96
59) 2-Hexanone	11.194	43	458200	273.086	ug/l	97
60) Dibromochloromethane	11.359	129	139161	51.336	ug/l	98
61) 1,2-Dibromoethane	11.470	107	110715	51.337	ug/l	95
64) Tetrachloroethene	11.100	164	108176	46.877	ug/l	98
65) Chlorobenzene	11.888	112	323344	48.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	121777	49.488	ug/l	98
67) Ethyl Benzene	11.959	91	566789	53.527	ug/l	99
68) m/p-Xylenes	12.070	106	454534	109.213	ug/l	100
69) o-Xylene	12.394	106	210275	55.048	ug/l	100
70) Styrene	12.406	104	367625	56.346	ug/l	98
71) Bromoform	12.576	173	97614	47.453	ug/l #	99
73) Isopropylbenzene	12.694	105	528935	49.969	ug/l	100
74) N-amyl acetate	12.488	43	180830	51.060	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	161963	45.226	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	167752m	48.339	ug/l	
77) Bromobenzene	12.976	156	137834	46.698	ug/l	99
78) n-propylbenzene	13.035	91	626834	52.295	ug/l	100
79) 2-Chlorotoluene	13.123	91	393871	49.472	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	463176	51.826	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	62579	47.675	ug/l	95
82) 4-Chlorotoluene	13.217	91	402826	49.202	ug/l	99
83) tert-Butylbenzene	13.435	119	372119	48.684	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	478260	53.057	ug/l	100
85) sec-Butylbenzene	13.611	105	523431	52.494	ug/l	99
86) p-Isopropyltoluene	13.729	119	444011	52.603	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	255031	47.935	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	254671	45.560	ug/l	99
89) n-Butylbenzene	14.053	91	351879	51.193	ug/l	99
90) Hexachloroethane	14.329	117	86499	44.412	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	249757	47.223	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31303	43.789	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	115855	43.565	ug/l	99
94) Hexachlorobutadiene	15.500	225	60468	39.192	ug/l	99
95) Naphthalene	15.635	128	342683	44.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	115798	45.890	ug/l	98

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

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