

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086121.D
 Acq On : 26 Mar 2025 13:01
 Operator : JC\MD
 Sample : VN0326WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0326WBS01

Quant Time: Mar 27 01:34:25 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 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	204522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140469	50.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	8.165	113	120378	52.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.460%			
50) Toluene-d8	10.565	98	447520	53.500	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.000%			
62) 4-Bromofluorobenzene	12.847	95	149438	50.094	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47999	17.714	ug/l	95
3) Chloromethane	2.359	50	48274	20.322	ug/l	99
4) Vinyl Chloride	2.512	62	51169	21.068	ug/l	99
5) Bromomethane	2.953	94	32840	19.850	ug/l	98
6) Chloroethane	3.118	64	32396	21.143	ug/l	96
7) Trichlorofluoromethane	3.500	101	80368	18.407	ug/l	99
8) Diethyl Ether	3.965	74	24635	18.431	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	46590	20.078	ug/l	99
10) Methyl Iodide	4.589	142	55823	18.462	ug/l	95
11) Tert butyl alcohol	5.518	59	31808	80.219	ug/l	99
12) 1,1-Dichloroethene	4.342	96	40208	19.189	ug/l	99
13) Acrolein	4.171	56	32511	76.874	ug/l	93
14) Allyl chloride	5.018	41	48089	18.397	ug/l	98
15) Acrylonitrile	5.718	53	106120	101.337	ug/l	100
16) Acetone	4.430	43	77670	90.777	ug/l	98
17) Carbon Disulfide	4.712	76	118392	17.181	ug/l	97
18) Methyl Acetate	5.024	43	49267	23.273	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	125249	18.242	ug/l	97
20) Methylene Chloride	5.271	84	49944	19.953	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	43918	19.179	ug/l	99
22) Diisopropyl ether	6.671	45	121823	21.869	ug/l	98
23) Vinyl Acetate	6.600	43	415058	98.291	ug/l	97
24) 1,1-Dichloroethane	6.571	63	85469	20.865	ug/l	98
25) 2-Butanone	7.483	43	119857	97.082	ug/l	90
26) 2,2-Dichloropropane	7.483	77	74685	18.938	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	51316	19.721	ug/l	100
28) Bromochloromethane	7.806	49	37883	21.828	ug/l	95
29) Tetrahydrofuran	7.841	42	80920	106.167	ug/l	95
30) Chloroform	7.965	83	90397	19.965	ug/l	99
31) Cyclohexane	8.259	56	66636	19.096	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	82560	19.263	ug/l	97
36) 1,1-Dichloropropene	8.371	75	58132	19.155	ug/l	98
37) Ethyl Acetate	7.565	43	50899	19.880	ug/l	99
38) Carbon Tetrachloride	8.359	117	76447	19.158	ug/l	97
39) Methylcyclohexane	9.594	83	52713	17.507	ug/l	94
40) Benzene	8.606	78	194921	20.459	ug/l	99

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41) Methacrylonitrile	7.777	41	26409	21.601	ug/l	94
42) 1,2-Dichloroethane	8.671	62	63986	19.275	ug/l	98
43) Isopropyl Acetate	8.688	43	91093	16.419	ug/l	94
44) Trichloroethene	9.353	130	45069	18.252	ug/l	96
45) 1,2-Dichloropropane	9.618	63	46261	21.349	ug/l	99
46) Dibromomethane	9.706	93	34304	20.130	ug/l	99
47) Bromodichloromethane	9.888	83	71019	19.940	ug/l	96
48) Methyl methacrylate	9.677	41	36419	19.892	ug/l	96
49) 1,4-Dioxane	9.694	88	17765	410.466	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	264139	107.950	ug/l	96
52) Toluene	10.629	92	122208	20.900	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	66017	19.086	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	71384	19.561	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	47075	21.093	ug/l	92
56) Ethyl methacrylate	10.871	69	60123	19.736	ug/l	94
57) 1,3-Dichloropropane	11.159	76	77621	20.477	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	123968	106.871	ug/l	97
59) 2-Hexanone	11.194	43	188415	105.701	ug/l	94
60) Dibromochloromethane	11.359	129	56558	19.639	ug/l	96
61) 1,2-Dibromoethane	11.465	107	45799	19.989	ug/l	97
64) Tetrachloroethene	11.100	164	48844	20.765	ug/l	98
65) Chlorobenzene	11.888	112	131861	19.543	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	49684	19.808	ug/l	98
67) Ethyl Benzene	11.965	91	204162	18.916	ug/l	99
68) m/p-Xylenes	12.070	106	168818	39.795	ug/l	98
69) o-Xylene	12.394	106	75033	19.271	ug/l	100
70) Styrene	12.412	104	131161	19.723	ug/l	97
71) Bromoform	12.576	173	39936	19.046	ug/l #	99
73) Isopropylbenzene	12.694	105	185040	17.846	ug/l	98
74) N-amyl acetate	12.494	43	65953	19.012	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	67105	19.130	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	64168m	18.877	ug/l	
77) Bromobenzene	12.976	156	52860	18.283	ug/l	98
78) n-propylbenzene	13.035	91	226350	19.279	ug/l	98
79) 2-Chlorotoluene	13.123	91	147026	18.853	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	166670	19.039	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	23766	18.484	ug/l	92
82) 4-Chlorotoluene	13.217	91	150450	18.760	ug/l	100
83) tert-Butylbenzene	13.435	119	128770	17.199	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	167649	18.988	ug/l	100
85) sec-Butylbenzene	13.617	105	182721	18.708	ug/l	100
86) p-Isopropyltoluene	13.729	119	150181	18.164	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	99224	19.040	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	97279	17.767	ug/l	99
89) n-Butylbenzene	14.053	91	115765	17.194	ug/l	97
90) Hexachloroethane	14.329	117	35410	18.561	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	94070	18.158	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12149	17.350	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	39458	15.148	ug/l	99
94) Hexachlorobutadiene	15.500	225	23243	15.380	ug/l	99
95) Naphthalene	15.635	128	105866	14.035	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	38666	15.643	ug/l	97

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

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