

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
 Data File : VN085970.D
 Acq On : 13 Mar 2025 10:39
 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 14 00:26:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/17/2025
 Supervised By :Semsettin Yesilyurt 03/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	100158	49.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.440%		
35) Dibromofluoromethane	8.165	113	81852	50.417	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.840%		
50) Toluene-d8	10.565	98	295167	49.971	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.940%		
62) 4-Bromofluorobenzene	12.847	95	110704	56.884	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	113.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	107185	50.203	ug/l	98
3) Chloromethane	2.359	50	91072	42.509	ug/l	99
4) Vinyl Chloride	2.512	62	93565	41.247	ug/l	98
5) Bromomethane	2.947	94	57586	39.702	ug/l	97
6) Chloroethane	3.112	64	56072	37.318	ug/l	100
7) Trichlorofluoromethane	3.495	101	165026	50.248	ug/l	100
8) Diethyl Ether	3.965	74	51849	48.792	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	91796	48.354	ug/l	99
10) Methyl Iodide	4.589	142	117051	50.019	ug/l	97
11) Tert butyl alcohol	5.518	59	62892	251.276	ug/l	99
12) 1,1-Dichloroethene	4.336	96	82887	48.153	ug/l	100
13) Acrolein	4.177	56	89669	241.588	ug/l	97
14) Allyl chloride	5.024	41	103411	45.757	ug/l	97
15) Acrylonitrile	5.718	53	218644	268.712	ug/l	99
16) Acetone	4.424	43	172333	267.635	ug/l	91
17) Carbon Disulfide	4.712	76	250453	49.094	ug/l	99
18) Methyl Acetate	5.030	43	93350	42.149	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	272321	53.239	ug/l	98
20) Methylene Chloride	5.277	84	97786	47.223	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	91866	49.564	ug/l	91
22) Diisopropyl ether	6.671	45	254112	49.761	ug/l	97
23) Vinyl Acetate	6.600	43	917353	262.360	ug/l	98
24) 1,1-Dichloroethane	6.565	63	165829	47.769	ug/l	98
25) 2-Butanone	7.477	43	254975	269.157	ug/l	97
26) 2,2-Dichloropropane	7.488	77	151936	49.220	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	104830	48.779	ug/l	99
28) Bromochloromethane	7.812	49	72226	50.621	ug/l	99
29) Tetrahydrofuran	7.835	42	173316	283.325	ug/l	97
30) Chloroform	7.965	83	181512	50.034	ug/l	96
31) Cyclohexane	8.253	56	136357	46.913	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	167344	51.862	ug/l	98
36) 1,1-Dichloropropene	8.371	75	122171	53.171	ug/l	99
37) Ethyl Acetate	7.559	43	105763	55.934	ug/l	98
38) Carbon Tetrachloride	8.359	117	154279	56.510	ug/l	96
39) Methylcyclohexane	9.600	83	120501	53.384	ug/l	98
40) Benzene	8.600	78	385118	52.296	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	55924	55.326	ug/l	94
42) 1,2-Dichloroethane	8.671	62	132634	55.294	ug/l	98
43) Isopropyl Acetate	8.688	43	188380	56.843	ug/l	98
44) Trichloroethene	9.347	130	89330	49.404	ug/l	96
45) 1,2-Dichloropropane	9.618	63	92943	52.286	ug/l	97
46) Dibromomethane	9.706	93	67602	53.916	ug/l	99
47) Bromodichloromethane	9.888	83	143128	53.355	ug/l	99
48) Methyl methacrylate	9.676	41	80510	57.332	ug/l	96
49) 1,4-Dioxane	9.694	88	33566	1256.975	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	545204	299.063	ug/l	97
52) Toluene	10.629	92	249073	57.698	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	141031	56.855	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	149581	54.992	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	94635	55.138	ug/l	97
56) Ethyl methacrylate	10.871	69	137562	55.061	ug/l	95
57) 1,3-Dichloropropane	11.159	76	157619	55.013	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	281117	280.839	ug/l	99
59) 2-Hexanone	11.194	43	408192	325.472	ug/l	98
60) Dibromochloromethane	11.359	129	116202	58.143	ug/l	100
61) 1,2-Dibromoethane	11.465	107	93509	57.662	ug/l	98
64) Tetrachloroethene	11.100	164	90691	50.709	ug/l	96
65) Chlorobenzene	11.888	112	265828	50.264	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	100025	52.620	ug/l	99
67) Ethyl Benzene	11.965	91	461562	55.715	ug/l	99
68) m/p-Xylenes	12.070	106	376601	119.678	ug/l	100
69) o-Xylene	12.394	106	175623	58.732	ug/l	100
70) Styrene	12.412	104	303613	54.093	ug/l	98
71) Bromoform	12.576	173	83797	59.326	ug/l #	96
73) Isopropylbenzene	12.694	105	441683	49.949	ug/l	100
74) N-amyl acetate	12.494	43	153994	49.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	139672	45.902	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	135258m	47.176	ug/l	
77) Bromobenzene	12.976	156	113738	47.609	ug/l	97
78) n-propylbenzene	13.035	91	528449	52.183	ug/l	100
79) 2-Chlorotoluene	13.123	91	332507	49.142	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	388696	53.962	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50116	51.001	ug/l	96
82) 4-Chlorotoluene	13.217	91	345095	51.447	ug/l	100
83) tert-Butylbenzene	13.435	119	309093	51.029	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	399934	56.119	ug/l	99
85) sec-Butylbenzene	13.612	105	440654	51.489	ug/l	100
86) p-Isopropyltoluene	13.729	119	378998	48.468	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	215994	48.257	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	215752	47.031	ug/l	100
89) n-Butylbenzene	14.053	91	299546	49.298	ug/l	98
90) Hexachloroethane	14.329	117	75770	46.748	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	209501	48.675	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27786	49.729	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	98517	48.035	ug/l	100
94) Hexachlorobutadiene	15.500	225	54484	43.712	ug/l	96
95) Naphthalene	15.641	128	290501	51.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	97671	47.437	ug/l	99

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

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