

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085850.D
 Acq On : 25 Feb 2025 12:14
 Operator : JC\MD
 Sample : VN0225WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2025
 Supervised By : Mahesh Dadoda 02/26/2025

Quant Time: Feb 25 23:25:38 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	265043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	437697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	395653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	172269	50.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.260%			
35) Dibromofluoromethane	8.165	113	148322	51.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.580%			
50) Toluene-d8	10.565	98	544780	52.280	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.560%			
62) 4-Bromofluorobenzene	12.847	95	184110	53.625	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68544	19.013	ug/l	99
3) Chloromethane	2.359	50	68686	18.987	ug/l	98
4) Vinyl Chloride	2.512	62	71212	18.592	ug/l	100
5) Bromomethane	2.953	94	44318	18.095	ug/l	95
6) Chloroethane	3.118	64	45920	18.099	ug/l	96
7) Trichlorofluoromethane	3.494	101	104194	18.789	ug/l	99
8) Diethyl Ether	3.959	74	33122	18.459	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	63847	19.917	ug/l	98
10) Methyl Iodide	4.583	142	71951	18.209	ug/l	99
11) Tert butyl alcohol	5.518	59	52130	123.347	ug/l	97
12) 1,1-Dichloroethene	4.336	96	53755	18.494	ug/l	97
13) Acrolein	4.177	56	58917	94.007	ug/l	93
14) Allyl chloride	5.018	41	68034	17.828	ug/l	96
15) Acrylonitrile	5.712	53	157560	114.679	ug/l	99
16) Acetone	4.430	43	119579	109.981	ug/l	96
17) Carbon Disulfide	4.712	76	147385	17.110	ug/l	98
18) Methyl Acetate	5.024	43	85245	22.795	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	167881	19.437	ug/l	99
20) Methylene Chloride	5.271	84	66760	19.093	ug/l	97
21) trans-1,2-Dichloroethene	5.788	96	58887	18.816	ug/l	91
22) Diisopropyl ether	6.671	45	177222	20.553	ug/l	98
23) Vinyl Acetate	6.606	43	570225	96.582	ug/l	100
24) 1,1-Dichloroethane	6.565	63	116398	19.857	ug/l	99
25) 2-Butanone	7.482	43	182994	114.401	ug/l	95
26) 2,2-Dichloropropane	7.488	77	99289	19.049	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	66321	18.276	ug/l	97
28) Bromochloromethane	7.812	49	54225	22.507	ug/l	96
29) Tetrahydrofuran	7.841	42	125088	121.101	ug/l	100
30) Chloroform	7.965	83	122120	19.936	ug/l	95
31) Cyclohexane	8.253	56	84430	17.203	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	105264	19.320	ug/l	98
36) 1,1-Dichloropropene	8.371	75	76675	18.916	ug/l	99
37) Ethyl Acetate	7.559	43	78448	23.517	ug/l	99
38) Carbon Tetrachloride	8.365	117	94107	19.539	ug/l	99
39) Methylcyclohexane	9.600	83	67293	16.899	ug/l	92
40) Benzene	8.606	78	256795	19.766	ug/l	99

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41) Methacrylonitrile	7.782	41	39374	22.080	ug/l	96
42) 1,2-Dichloroethane	8.671	62	84230	19.905	ug/l	100
43) Isopropyl Acetate	8.688	43	127009	21.383	ug/l	99
44) Trichloroethene	9.347	130	58620	18.377	ug/l	97
45) 1,2-Dichloropropane	9.618	63	63306	20.187	ug/l	100
46) Dibromomethane	9.706	93	46442	20.996	ug/l	99
47) Bromodichloromethane	9.888	83	96402	20.371	ug/l	99
48) Methyl methacrylate	9.682	41	51937	20.965	ug/l	96
49) 1,4-Dioxane	9.694	88	25683	545.178	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	398075	123.775	ug/l	98
52) Toluene	10.629	92	158936	20.870	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	86836	19.844	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	95747	19.953	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	62995	20.805	ug/l	97
56) Ethyl methacrylate	10.871	69	82092	20.490	ug/l	98
57) 1,3-Dichloropropane	11.159	76	104501	20.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	198181	134.520	ug/l	98
59) 2-Hexanone	11.194	43	287511	129.948	ug/l	99
60) Dibromochloromethane	11.359	129	74709	21.189	ug/l	100
61) 1,2-Dibromoethane	11.470	107	60655	21.202	ug/l	100
64) Tetrachloroethene	11.100	164	56528	18.442	ug/l	94
65) Chlorobenzene	11.888	112	172945	19.081	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	65682	20.161	ug/l	97
67) Ethyl Benzene	11.965	91	270608	19.060	ug/l	98
68) m/p-Xylenes	12.070	106	220483	40.882	ug/l	99
69) o-Xylene	12.400	106	99401	19.396	ug/l	99
70) Styrene	12.412	104	173108	19.620	ug/l	98
71) Bromoform	12.576	173	52773	21.800	ug/l #	96
73) Isopropylbenzene	12.694	105	246196	18.202	ug/l	97
74) N-amyl acetate	12.494	43	97676	20.478	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	95820	20.587	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	79622m	18.155	ug/l	
77) Bromobenzene	12.982	156	68892	18.852	ug/l	95
78) n-propylbenzene	13.035	91	302759	19.545	ug/l	100
79) 2-Chlorotoluene	13.123	91	196280	18.965	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	220385	20.002	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	34079	22.673	ug/l	98
82) 4-Chlorotoluene	13.223	91	201651	19.653	ug/l	100
83) tert-Butylbenzene	13.435	119	174208	18.802	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	219405	20.127	ug/l	99
85) sec-Butylbenzene	13.617	105	244227	18.656	ug/l	100
86) p-Isopropyltoluene	13.729	119	199558	17.934	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	128639	18.789	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	128477	18.309	ug/l	99
89) n-Butylbenzene	14.053	91	156665	16.856	ug/l	97
90) Hexachloroethane	14.335	117	46787	18.871	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	123362	18.737	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17037	19.934	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	52483	16.729	ug/l	100
94) Hexachlorobutadiene	15.500	225	30326	15.906	ug/l	97
95) Naphthalene	15.641	128	141301	16.406	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	52062	16.530	ug/l	99

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

