

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022025\
 Data File : VN085797.D
 Acq On : 20 Feb 2025 13:58
 Operator : JC\MD
 Sample : VN0220WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0220WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2025
 Supervised By : Mahesh Dadoda 02/21/2025

Quant Time: Feb 21 00:57:35 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	8.218	168	334931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	543052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	478445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	227896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	215933	49.728	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.460%		
35) Dibromofluoromethane	8.159	113	183048	51.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.020%		
50) Toluene-d8	10.559	98	686252	53.080	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.160%		
62) 4-Bromofluorobenzene	12.841	95	230118	54.022	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92578	20.321	ug/l	98
3) Chloromethane	2.359	50	88230	19.300	ug/l	100
4) Vinyl Chloride	2.518	62	95519	19.734	ug/l	98
5) Bromomethane	2.965	94	60237	19.463	ug/l	89
6) Chloroethane	3.124	64	59586	18.585	ug/l	95
7) Trichlorofluoromethane	3.506	101	137235	19.583	ug/l	98
8) Diethyl Ether	3.959	74	44015	19.411	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	82136	20.276	ug/l	98
10) Methyl Iodide	4.589	142	100877	20.202	ug/l	98
11) Tert butyl alcohol	5.500	59	43636	81.705	ug/l	100
12) 1,1-Dichloroethene	4.348	96	74172	20.194	ug/l	96
13) Acrolein	4.171	56	83830	105.847	ug/l	100
14) Allyl chloride	5.024	41	96298	19.969	ug/l	97
15) Acrylonitrile	5.712	53	156407	90.085	ug/l	99
16) Acetone	4.418	43	144114	104.889	ug/l	99
17) Carbon Disulfide	4.712	76	203750	18.717	ug/l	99
18) Methyl Acetate	5.012	43	82157	17.385	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	222550	20.390	ug/l	99
20) Methylene Chloride	5.277	84	84922	19.219	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	76967	19.461	ug/l	92
22) Diisopropyl ether	6.659	45	231557	21.250	ug/l	98
23) Vinyl Acetate	6.594	43	725601	97.254	ug/l	99
24) 1,1-Dichloroethane	6.559	63	147907	19.968	ug/l	99
25) 2-Butanone	7.477	43	191244	94.611	ug/l	98
26) 2,2-Dichloropropane	7.483	77	131728	19.999	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	91900	20.040	ug/l	99
28) Bromochloromethane	7.806	49	65814	21.617	ug/l	98
29) Tetrahydrofuran	7.830	42	119344	91.431	ug/l	100
30) Chloroform	7.959	83	154276	19.930	ug/l	98
31) Cyclohexane	8.253	56	119139	19.210	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	136738	19.860	ug/l	98
36) 1,1-Dichloropropene	8.365	75	105375	20.953	ug/l	99
37) Ethyl Acetate	7.553	43	76524	18.490	ug/l	100
38) Carbon Tetrachloride	8.353	117	119376	19.977	ug/l	95
39) Methylcyclohexane	9.594	83	106429	21.542	ug/l	98
40) Benzene	8.600	78	336199	20.858	ug/l	99

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41) Methacrylonitrile	7.771	41	43597	19.705	ug/l	98
42) 1,2-Dichloroethane	8.665	62	105223	20.041	ug/l	100
43) Isopropyl Acetate	8.683	43	139471	18.862	ug/l	100
44) Trichloroethene	9.347	130	81335	20.551	ug/l	94
45) 1,2-Dichloropropane	9.618	63	79915	20.540	ug/l	98
46) Dibromomethane	9.700	93	55515	20.229	ug/l	98
47) Bromodichloromethane	9.883	83	119402	20.336	ug/l	97
48) Methyl methacrylate	9.671	41	61318	19.950	ug/l	99
49) 1,4-Dioxane	9.688	88	21286	364.182	ug/l	98
51) 4-Methyl-2-Pentanone	10.435	43	379898	95.207	ug/l	100
52) Toluene	10.624	92	208342	22.050	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	115258	21.229	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	126931	21.320	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	77337	20.587	ug/l	97
56) Ethyl methacrylate	10.871	69	99979	20.138	ug/l	99
57) 1,3-Dichloropropane	11.159	76	127754	20.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	151178	84.034	ug/l	99
59) 2-Hexanone	11.188	43	272724	99.351	ug/l	99
60) Dibromochloromethane	11.353	129	90526	20.694	ug/l	100
61) 1,2-Dibromoethane	11.465	107	73611	20.739	ug/l	97
64) Tetrachloroethene	11.100	164	79772	21.522	ug/l	96
65) Chlorobenzene	11.888	112	222674	20.316	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.953	131	79297	20.128	ug/l	99
67) Ethyl Benzene	11.959	91	366663	21.356	ug/l	99
68) m/p-Xylenes	12.065	106	293680	45.032	ug/l	99
69) o-Xylene	12.394	106	133631	21.563	ug/l	99
70) Styrene	12.406	104	225148	21.002	ug/l	98
71) Bromoform	12.571	173	57604	19.678	ug/l #	98
73) Isopropylbenzene	12.688	105	340174	21.788	ug/l	100
74) N-amyl acetate	12.488	43	103373	18.775	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	95124	17.705	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	93603m	18.490	ug/l	
77) Bromobenzene	12.976	156	86709	20.556	ug/l	99
78) n-propylbenzene	13.029	91	401278	22.442	ug/l	100
79) 2-Chlorotoluene	13.118	91	258675	21.652	ug/l	99
80) 1,3,5-Trimethylbenzene	13.165	105	290522	22.843	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	32570	18.772	ug/l	95
82) 4-Chlorotoluene	13.218	91	258338	21.812	ug/l	100
83) tert-Butylbenzene	13.435	119	240446	22.482	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	291853	23.194	ug/l	100
85) sec-Butylbenzene	13.612	105	338493	22.400	ug/l	100
86) p-Isopropyltoluene	13.723	119	279833	21.527	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	162184	20.522	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	160682	19.837	ug/l	99
89) n-Butylbenzene	14.053	91	231847	21.610	ug/l	98
90) Hexachloroethane	14.329	117	55679	19.456	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	152632	20.084	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16511	16.736	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	73846	20.392	ug/l	99
94) Hexachlorobutadiene	15.494	225	39727	18.051	ug/l	97
95) Naphthalene	15.635	128	179740	18.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	70157	19.298	ug/l	99

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

