

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085866.D
 Acq On : 26 Feb 2025 13:07
 Operator : JC\MD
 Sample : VN0226WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

Quant Time: Feb 26 22:54:45 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	295425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	488221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	431066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	212624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	190124	49.640	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.280%		
35) Dibromofluoromethane	8.165	113	160575	50.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.520%		
50) Toluene-d8	10.565	98	582604	50.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.240%		
62) 4-Bromofluorobenzene	12.847	95	206894	54.025	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69536	17.304	ug/l	98
3) Chloromethane	2.359	50	67699	16.789	ug/l	99
4) Vinyl Chloride	2.512	62	73344	17.179	ug/l	98
5) Bromomethane	2.959	94	47719	17.480	ug/l	97
6) Chloroethane	3.118	64	48085	17.004	ug/l	99
7) Trichlorofluoromethane	3.495	101	110993	17.956	ug/l	99
8) Diethyl Ether	3.965	74	41040	20.520	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	65685	18.383	ug/l	98
10) Methyl Iodide	4.583	142	82138	18.649	ug/l	95
11) Tert butyl alcohol	5.518	59	60720	128.897	ug/l	100
12) 1,1-Dichloroethene	4.342	96	59684	18.422	ug/l	99
13) Acrolein	4.177	56	61012	87.338	ug/l	97
14) Allyl chloride	5.018	41	75380	17.722	ug/l	96
15) Acrylonitrile	5.718	53	170764	111.507	ug/l	99
16) Acetone	4.430	43	132814	109.591	ug/l	100
17) Carbon Disulfide	4.712	76	148724	15.489	ug/l	99
18) Methyl Acetate	5.018	43	94796	22.742	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	199804	20.754	ug/l	95
20) Methylene Chloride	5.277	84	73094	18.755	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	61756	17.703	ug/l	91
22) Diisopropyl ether	6.671	45	189590	19.726	ug/l #	97
23) Vinyl Acetate	6.600	43	648787	98.587	ug/l	98
24) 1,1-Dichloroethane	6.565	63	122767	18.790	ug/l	98
25) 2-Butanone	7.483	43	207104	116.159	ug/l	95
26) 2,2-Dichloropropane	7.488	77	103710	17.851	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	74773	18.486	ug/l	100
28) Bromochloromethane	7.806	49	58175	21.663	ug/l	97
29) Tetrahydrofuran	7.841	42	136639	118.680	ug/l	98
30) Chloroform	7.965	83	128451	18.813	ug/l	99
31) Cyclohexane	8.259	56	87119	15.925	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	112370	18.503	ug/l	99
36) 1,1-Dichloropropene	8.371	75	81542	18.035	ug/l	99
37) Ethyl Acetate	7.559	43	80761	21.705	ug/l	98
38) Carbon Tetrachloride	8.359	117	99893	18.594	ug/l	97
39) Methylcyclohexane	9.600	83	75193	16.929	ug/l	95
40) Benzene	8.606	78	271329	18.724	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	45170	22.709	ug/l	97
42) 1,2-Dichloroethane	8.665	62	92279	19.550	ug/l	99
43) Isopropyl Acetate	8.688	43	140140	21.146	ug/l	100
44) Trichloroethene	9.353	130	64881	18.235	ug/l	97
45) 1,2-Dichloropropane	9.624	63	67800	19.383	ug/l	97
46) Dibromomethane	9.706	93	49926	20.235	ug/l	98
47) Bromodichloromethane	9.888	83	104475	19.792	ug/l	98
48) Methyl methacrylate	9.677	41	59404	21.498	ug/l	97
49) 1,4-Dioxane	9.694	88	29747	566.100	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	428940	119.570	ug/l	100
52) Toluene	10.629	92	167204	19.684	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	97076	19.888	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	107513	20.087	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	68339	20.234	ug/l	97
56) Ethyl methacrylate	10.871	69	95569	21.322	ug/l	98
57) 1,3-Dichloropropane	11.165	76	113662	20.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	188050	115.989	ug/l	99
59) 2-Hexanone	11.194	43	307566	124.627	ug/l	100
60) Dibromochloromethane	11.359	129	81780	20.795	ug/l	99
61) 1,2-Dibromoethane	11.465	107	68309	21.406	ug/l	97
64) Tetrachloroethene	11.100	164	61229	18.335	ug/l	97
65) Chlorobenzene	11.888	112	187485	18.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	69062	19.457	ug/l	99
67) Ethyl Benzene	11.965	91	291064	18.816	ug/l	97
68) m/p-Xylenes	12.070	106	236721	40.287	ug/l	99
69) o-Xylene	12.400	106	110623	19.812	ug/l	99
70) Styrene	12.412	104	187137	19.478	ug/l	98
71) Bromoform	12.576	173	57680	21.870	ug/l #	96
73) Isopropylbenzene	12.694	105	270718	18.585	ug/l	99
74) N-amyl acetate	12.494	43	105153	20.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	102391	20.427	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	104860m	22.202	ug/l	
77) Bromobenzene	12.976	156	76241	19.373	ug/l	97
78) n-propylbenzene	13.035	91	318223	19.075	ug/l	100
79) 2-Chlorotoluene	13.123	91	207684	18.633	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	234522	19.764	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	35343	21.834	ug/l	99
82) 4-Chlorotoluene	13.217	91	213796	19.348	ug/l	100
83) tert-Butylbenzene	13.435	119	192801	19.322	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	237581	20.237	ug/l	99
85) sec-Butylbenzene	13.617	105	264622	18.770	ug/l	100
86) p-Isopropyltoluene	13.729	119	219287	18.276	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	136525	18.516	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	137152	18.149	ug/l	99
89) n-Butylbenzene	14.053	91	170233	17.007	ug/l	97
90) Hexachloroethane	14.329	117	47792	17.899	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	135292	19.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18821	20.447	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	59634	17.651	ug/l	98
94) Hexachlorobutadiene	15.500	225	32961	16.053	ug/l	97
95) Naphthalene	15.641	128	175142	18.882	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	61447	18.116	ug/l	99

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

