

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085851.D
 Acq On : 25 Feb 2025 12:48
 Operator : JC\MD
 Sample : VN0225WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Feb 25 23:29:25 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	262908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	431928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	385953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	172582	50.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.260%			
35) Dibromofluoromethane	8.165	113	143412	50.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	10.565	98	524864	51.042	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.080%			
62) 4-Bromofluorobenzene	12.847	95	179379	52.945	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66929	18.716	ug/l	97
3) Chloromethane	2.359	50	64024	17.842	ug/l	100
4) Vinyl Chloride	2.512	62	70151	18.463	ug/l	98
5) Bromomethane	2.953	94	44373	18.265	ug/l	100
6) Chloroethane	3.118	64	45332	18.013	ug/l	99
7) Trichlorofluoromethane	3.494	101	101725	18.492	ug/l	99
8) Diethyl Ether	3.959	74	34917	19.618	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	60244	18.946	ug/l	100
10) Methyl Iodide	4.589	142	73109	18.652	ug/l	98
11) Tert butyl alcohol	5.518	59	55816	133.142	ug/l #	85
12) 1,1-Dichloroethene	4.336	96	52630	18.254	ug/l	97
13) Acrolein	4.183	56	65435	105.255	ug/l	98
14) Allyl chloride	5.024	41	68718	18.154	ug/l	97
15) Acrylonitrile	5.718	53	160433	117.718	ug/l	100
16) Acetone	4.430	43	125697	116.546	ug/l	100
17) Carbon Disulfide	4.712	76	144049	16.858	ug/l	98
18) Methyl Acetate	5.024	43	88617	23.889	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	175490	20.483	ug/l	98
20) Methylene Chloride	5.283	84	67029	19.326	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	57467	18.511	ug/l	93
22) Diisopropyl ether	6.665	45	177822	20.790	ug/l	98
23) Vinyl Acetate	6.606	43	589259	100.616	ug/l	99
24) 1,1-Dichloroethane	6.565	63	114144	19.631	ug/l	99
25) 2-Butanone	7.482	43	193999	122.266	ug/l	99
26) 2,2-Dichloropropane	7.488	77	92841	17.956	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	68348	18.988	ug/l	98
28) Bromochloromethane	7.812	49	54884	22.966	ug/l	95
29) Tetrahydrofuran	7.841	42	128635	125.547	ug/l	99
30) Chloroform	7.965	83	120103	19.766	ug/l	94
31) Cyclohexane	8.253	56	81654	16.772	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	101332	18.749	ug/l	95
36) 1,1-Dichloropropene	8.371	75	74745	18.686	ug/l	99
37) Ethyl Acetate	7.559	43	77556	23.560	ug/l	98
38) Carbon Tetrachloride	8.359	117	91629	19.279	ug/l	95
39) Methylcyclohexane	9.600	83	66928	17.032	ug/l	93
40) Benzene	8.606	78	252877	19.725	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	38562	21.914	ug/l	92
42) 1,2-Dichloroethane	8.671	62	83550	20.008	ug/l	99
43) Isopropyl Acetate	8.688	43	129842	22.172	ug/l	98
44) Trichloroethene	9.353	130	57185	18.167	ug/l	97
45) 1,2-Dichloropropane	9.618	63	64360	20.798	ug/l	98
46) Dibromomethane	9.706	93	46153	21.144	ug/l	99
47) Bromodichloromethane	9.888	83	95259	20.398	ug/l	98
48) Methyl methacrylate	9.682	41	55380	22.653	ug/l	99
49) 1,4-Dioxane	9.694	88	25233	542.780	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	407832	128.503	ug/l	99
52) Toluene	10.629	92	153110	20.374	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	88237	20.433	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	96448	20.368	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	64308	21.522	ug/l	96
56) Ethyl methacrylate	10.870	69	83512	21.079	ug/l	98
57) 1,3-Dichloropropane	11.165	76	106967	21.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	199086	136.678	ug/l	99
59) 2-Hexanone	11.194	43	296477	135.790	ug/l	99
60) Dibromochloromethane	11.359	129	74584	21.437	ug/l	100
61) 1,2-Dibromoethane	11.465	107	62284	22.062	ug/l	100
64) Tetrachloroethene	11.106	164	55806	18.664	ug/l	95
65) Chlorobenzene	11.888	112	172578	19.519	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	65489	20.607	ug/l	99
67) Ethyl Benzene	11.965	91	261416	18.875	ug/l	99
68) m/p-Xylenes	12.070	106	212743	40.439	ug/l	98
69) o-Xylene	12.400	106	96039	19.211	ug/l	99
70) Styrene	12.412	104	168231	19.552	ug/l	99
71) Bromoform	12.576	173	51562	21.835	ug/l #	97
73) Isopropylbenzene	12.694	105	239087	18.477	ug/l	99
74) N-amyl acetate	12.494	43	96632	21.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	95689	21.490	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	79212m	18.880	ug/l	
77) Bromobenzene	12.982	156	67664	19.355	ug/l	95
78) n-propylbenzene	13.035	91	289795	19.555	ug/l	100
79) 2-Chlorotoluene	13.123	91	189771	19.166	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	207322	19.669	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	32998	22.948	ug/l	98
82) 4-Chlorotoluene	13.223	91	192069	19.567	ug/l	99
83) tert-Butylbenzene	13.435	119	167530	18.900	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	207238	19.872	ug/l	99
85) sec-Butylbenzene	13.617	105	229669	18.339	ug/l	99
86) p-Isopropyltoluene	13.729	119	189823	17.838	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	122985	18.777	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	121695	18.128	ug/l	98
89) n-Butylbenzene	14.059	91	148414	16.691	ug/l	96
90) Hexachloroethane	14.329	117	44496	18.760	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	120575	19.144	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17189	21.022	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	51043	17.007	ug/l	100
94) Hexachlorobutadiene	15.500	225	28633	15.698	ug/l	99
95) Naphthalene	15.641	128	148588	18.033	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	52826	17.533	ug/l	98

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

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