

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085958.D
 Acq On : 12 Mar 2025 14:17
 Operator : JC\MD
 Sample : VN0312WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBSD01

Quant Time: Mar 13 01:35:24 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	153645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	99158	49.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.560%		
35) Dibromofluoromethane	8.165	113	78082	46.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.300%		
50) Toluene-d8	10.565	98	276303	45.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.740%		
62) 4-Bromofluorobenzene	12.847	95	98454	49.071	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.140%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	42202	20.193	ug/l	100
3) Chloromethane	2.360	50	38226	18.228	ug/l	98
4) Vinyl Chloride	2.507	62	38924	17.530	ug/l	100
5) Bromomethane	2.954	94	23930	16.855	ug/l	88
6) Chloroethane	3.112	64	23136	15.731	ug/l	90
7) Trichlorofluoromethane	3.495	101	63074	19.620	ug/l	100
8) Diethyl Ether	3.959	74	19675	18.915	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	37004	19.913	ug/l	99
10) Methyl Iodide	4.583	142	45022	19.655	ug/l	98
11) Tert butyl alcohol	5.530	59	31046	126.720	ug/l #	85
12) 1,1-Dichloroethene	4.336	96	32757	19.441	ug/l	96
13) Acrolein	4.171	56	32782	90.231	ug/l	97
14) Allyl chloride	5.018	41	41069	18.565	ug/l	97
15) Acrylonitrile	5.718	53	90743	113.932	ug/l	98
16) Acetone	4.424	43	67854	107.655	ug/l	92
17) Carbon Disulfide	4.712	76	99334	19.892	ug/l	100
18) Methyl Acetate	5.030	43	40017	18.459	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	104415	20.854	ug/l	98
20) Methylene Chloride	5.277	84	39912	19.691	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	33254	18.329	ug/l	94
22) Diisopropyl ether	6.671	45	100151	20.036	ug/l	98
23) Vinyl Acetate	6.600	43	358921	104.868	ug/l	98
24) 1,1-Dichloroethane	6.565	63	65236	19.198	ug/l	98
25) 2-Butanone	7.483	43	104201	112.374	ug/l	100
26) 2,2-Dichloropropane	7.494	77	58437	19.340	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	39596	18.823	ug/l	98
28) Bromochloromethane	7.806	49	34946	25.022	ug/l #	9
29) Tetrahydrofuran	7.841	42	72235	120.636	ug/l	100
30) Chloroform	7.965	83	68105	19.179	ug/l	99
31) Cyclohexane	8.253	56	54077	19.007	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	63710	20.171	ug/l	99
36) 1,1-Dichloropropene	8.371	75	46401	19.589	ug/l	98
37) Ethyl Acetate	7.559	43	43390	22.259	ug/l	98
38) Carbon Tetrachloride	8.359	117	58553	20.804	ug/l	92
39) Methylcyclohexane	9.594	83	41981	18.040	ug/l	95
40) Benzene	8.606	78	149573	19.701	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22185	21.289	ug/l	96
42) 1,2-Dichloroethane	8.671	62	50585	20.456	ug/l	100
43) Isopropyl Acetate	8.688	43	78129	22.538	ug/l	97
44) Trichloroethene	9.353	130	35122	18.842	ug/l	89
45) 1,2-Dichloropropane	9.618	63	33997	18.552	ug/l	95
46) Dibromomethane	9.706	93	26863	20.782	ug/l	99
47) Bromodichloromethane	9.888	83	54072	19.552	ug/l	98
48) Methyl methacrylate	9.683	41	30367	20.976	ug/l	96
49) 1,4-Dioxane	9.700	88	15225	553.038	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	216839	115.375	ug/l	99
52) Toluene	10.630	92	90640	20.367	ug/l	97
53) t-1,3-Dichloropropene	10.830	75	52033	20.347	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	55690	19.860	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	35884	20.280	ug/l	99
56) Ethyl methacrylate	10.871	69	48963	20.883	ug/l	97
57) 1,3-Dichloropropane	11.159	76	59385	20.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	83221	98.551	ug/l	98
59) 2-Hexanone	11.194	43	158912	122.907	ug/l	100
60) Dibromochloromethane	11.353	129	42932	20.837	ug/l	98
61) 1,2-Dibromoethane	11.471	107	34141	20.421	ug/l	98
64) Tetrachloroethene	11.100	164	34160	19.851	ug/l	95
65) Chlorobenzene	11.888	112	95801	18.827	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	36997	20.228	ug/l	98
67) Ethyl Benzene	11.965	91	154418	19.373	ug/l	97
68) m/p-Xylenes	12.071	106	123526	40.799	ug/l	99
69) o-Xylene	12.394	106	57874	20.115	ug/l	100
70) Styrene	12.412	104	98972	19.957	ug/l	98
71) Bromoform	12.576	173	29133	21.437	ug/l #	97
73) Isopropylbenzene	12.694	105	142652	18.673	ug/l	99
74) N-amyl acetate	12.494	43	54273	20.146	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	51539	19.605	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	44213m	17.849	ug/l	
77) Bromobenzene	12.976	156	39093	18.941	ug/l	94
78) n-propylbenzene	13.035	91	166303	19.008	ug/l	98
79) 2-Chlorotoluene	13.124	91	109748	18.774	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	122966	19.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	17899	21.084	ug/l	94
82) 4-Chlorotoluene	13.218	91	110539	19.075	ug/l	100
83) tert-Butylbenzene	13.435	119	95870	18.320	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	122421	19.883	ug/l	99
85) sec-Butylbenzene	13.618	105	135795	18.366	ug/l	100
86) p-Isopropyltoluene	13.729	119	109045	17.386	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	70853	18.323	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	70251	17.725	ug/l	97
89) n-Butylbenzene	14.053	91	87168	16.605	ug/l	97
90) Hexachloroethane	14.329	117	24921	17.797	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	69444	18.675	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10914	22.609	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	30357	17.133	ug/l	99
94) Hexachlorobutadiene	15.500	225	17755	16.488	ug/l	96
95) Naphthalene	15.635	128	87137	17.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	31963	17.969	ug/l	97

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

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