

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085898.D
 Acq On : 06 Mar 2025 15:05
 Operator : JC\MD
 Sample : VN0306WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0306WBS01

Quant Time: Mar 07 00:38:03 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	169581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105699	48.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.160%
35) Dibromofluoromethane	8.165	113	93403	53.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.380%
50) Toluene-d8	10.565	98	336405	52.651	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.847	95	114242	54.268	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39588	17.163	ug/l	97
3) Chloromethane	2.359	50	30276	13.080	ug/l	98
4) Vinyl Chloride	2.512	62	32960	13.449	ug/l	96
5) Bromomethane	2.948	94	22469	14.339	ug/l	95
6) Chloroethane	3.112	64	21644	13.333	ug/l	98
7) Trichlorofluoromethane	3.495	101	66179	18.651	ug/l	100
8) Diethyl Ether	3.953	74	19343	16.848	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	36868	17.975	ug/l	96
10) Methyl Iodide	4.583	142	43653	17.266	ug/l	97
11) Tert butyl alcohol	5.518	59	27438	101.469	ug/l	100
12) 1,1-Dichloroethene	4.336	96	31542	16.961	ug/l	92
13) Acrolein	4.183	56	19916	49.666	ug/l	100
14) Allyl chloride	5.030	41	34105	13.968	ug/l	95
15) Acrylonitrile	5.718	53	83524	95.014	ug/l	99
16) Acetone	4.424	43	60676	87.220	ug/l	100
17) Carbon Disulfide	4.712	76	76947	13.961	ug/l	98
18) Methyl Acetate	5.024	43	45226	18.901	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	104952	18.992	ug/l	98
20) Methylene Chloride	5.277	84	40586	18.142	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	33786	16.872	ug/l	91
22) Diisopropyl ether	6.671	45	94027	17.043	ug/l	96
23) Vinyl Acetate	6.600	43	286674	75.888	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	66518	17.736	ug/l	98
25) 2-Butanone	7.483	43	88527	86.499	ug/l	93
26) 2,2-Dichloropropane	7.488	77	58006	17.393	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	40170	17.301	ug/l	97
28) Bromochloromethane	7.812	49	27408	17.780	ug/l	92
29) Tetrahydrofuran	7.835	42	60268	91.192	ug/l	90
30) Chloroform	7.965	83	74859	19.100	ug/l	96
31) Cyclohexane	8.253	56	45628	14.530	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	69195	19.849	ug/l	98
36) 1,1-Dichloropropene	8.365	75	44976	18.096	ug/l	99
37) Ethyl Acetate	7.559	43	38016	18.587	ug/l	95
38) Carbon Tetrachloride	8.359	117	62752	21.249	ug/l	96
39) Methylcyclohexane	9.600	83	36452	14.929	ug/l	94
40) Benzene	8.606	78	154097	19.345	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	19039	17.413	ug/l #	87
42) 1,2-Dichloroethane	8.665	62	51662	19.911	ug/l	99
43) Isopropyl Acetate	8.688	43	61868	16.874	ug/l	93
44) Trichloroethene	9.347	130	36877	18.855	ug/l	91
45) 1,2-Dichloropropane	9.618	63	36463	18.963	ug/l	98
46) Dibromomethane	9.706	93	28328	20.886	ug/l	96
47) Bromodichloromethane	9.888	83	59810	20.612	ug/l	97
48) Methyl methacrylate	9.677	41	26715	17.587	ug/l	88
49) 1,4-Dioxane	9.694	88	14099	488.100	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	196705	99.750	ug/l	96
52) Toluene	10.629	92	97757	20.935	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	53026	19.762	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	57129	19.417	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	38585	20.783	ug/l	97
56) Ethyl methacrylate	10.871	69	48390	19.750	ug/l	93
57) 1,3-Dichloropropane	11.159	76	62120	20.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	101226	113.719	ug/l	94
59) 2-Hexanone	11.194	43	138334	101.970	ug/l	94
60) Dibromochloromethane	11.359	129	48794	22.571	ug/l	99
61) 1,2-Dibromoethane	11.470	107	36734	20.941	ug/l	99
64) Tetrachloroethene	11.100	164	37374	20.230	ug/l	93
65) Chlorobenzene	11.888	112	105036	19.226	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	42552	21.670	ug/l	98
67) Ethyl Benzene	11.959	91	164480	19.220	ug/l	99
68) m/p-Xylenes	12.070	106	135484	41.679	ug/l	99
69) o-Xylene	12.394	106	61748	19.990	ug/l	99
70) Styrene	12.412	104	107811	20.230	ug/l	99
71) Bromoform	12.576	173	34657	23.752	ug/l #	99
73) Isopropylbenzene	12.694	105	154364	19.002	ug/l	99
74) N-amyl acetate	12.494	43	49013	17.109	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	54495	19.494	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	51646m	19.607	ug/l	
77) Bromobenzene	12.976	156	45829	20.881	ug/l	94
78) n-propylbenzene	13.035	91	178839	19.223	ug/l	98
79) 2-Chlorotoluene	13.123	91	121049	19.474	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	136814	20.675	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16423	18.192	ug/l	95
82) 4-Chlorotoluene	13.217	91	124154	20.147	ug/l	99
83) tert-Butylbenzene	13.435	119	107585	19.333	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	135595	20.711	ug/l	99
85) sec-Butylbenzene	13.612	105	150999	19.205	ug/l	99
86) p-Isopropyltoluene	13.729	119	123333	18.422	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	81473	19.814	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	80811	19.175	ug/l	99
89) n-Butylbenzene	14.053	91	93858	16.814	ug/l	97
90) Hexachloroethane	14.329	117	28537	19.165	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	78266	19.793	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10046	19.570	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	35266	18.717	ug/l	99
94) Hexachlorobutadiene	15.494	225	20642	18.026	ug/l	100
95) Naphthalene	15.641	128	94165	18.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35605	18.823	ug/l	99

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

