

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085451.D
 Acq On : 15 Jan 2025 11:02
 Operator : JC\MD
 Sample : VN0115WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 00:54:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	188898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136502	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	149231	48.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.880%
35) Dibromofluoromethane	8.159	113	110423	49.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.520%
50) Toluene-d8	10.565	98	399040	50.102	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.847	95	137216	50.364	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50526	19.755	ug/l	95
3) Chloromethane	2.359	50	53907	19.467	ug/l	98
4) Vinyl Chloride	2.512	62	53251	19.131	ug/l	98
5) Bromomethane	2.965	94	32421	19.283	ug/l	95
6) Chloroethane	3.124	64	32723	18.543	ug/l	98
7) Trichlorofluoromethane	3.506	101	79391	19.658	ug/l	98
8) Diethyl Ether	3.965	74	26011	18.643	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	44531	19.576	ug/l	99
10) Methyl Iodide	4.594	142	52886	20.302	ug/l	95
11) Tert butyl alcohol	5.500	59	33491	95.920	ug/l	100
12) 1,1-Dichloroethene	4.341	96	39080	19.277	ug/l	98
13) Acrolein	4.171	56	55291	116.005	ug/l	99
14) Allyl chloride	5.030	41	63692	19.361	ug/l	99
15) Acrylonitrile	5.712	53	108425	97.766	ug/l	99
16) Acetone	4.418	43	93485	94.887	ug/l	98
17) Carbon Disulfide	4.718	76	112944	18.094	ug/l	99
18) Methyl Acetate	5.012	43	58686	19.589	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	138775	21.081	ug/l	98
20) Methylene Chloride	5.271	84	49058	20.114	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	43073	19.880	ug/l	93
22) Diisopropyl ether	6.665	45	156331	21.410	ug/l	97
23) Vinyl Acetate	6.600	43	528099m	103.348	ug/l	
24) 1,1-Dichloroethane	6.565	63	88831	19.952	ug/l	99
25) 2-Butanone	7.477	43	141498	97.595	ug/l	93
26) 2,2-Dichloropropane	7.488	77	78212	21.728	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	50200	19.672	ug/l	95
28) Bromochloromethane	7.806	49	38238	18.460	ug/l	100
29) Tetrahydrofuran	7.835	42	93959	102.217	ug/l	99
30) Chloroform	7.965	83	92715	20.149	ug/l	98
31) Cyclohexane	8.247	56	72255	18.672	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	80190	19.867	ug/l	98
36) 1,1-Dichloropropene	8.371	75	61822	19.650	ug/l	98
37) Ethyl Acetate	7.553	43	59684	18.795	ug/l	97
38) Carbon Tetrachloride	8.359	117	71714	19.911	ug/l	97
39) Methylcyclohexane	9.600	83	59161	20.011	ug/l	93
40) Benzene	8.600	78	189640	20.061	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	31866	19.288	ug/l	99
42) 1,2-Dichloroethane	8.665	62	73669	20.692	ug/l	98
43) Isopropyl Acetate	8.682	43	100283	19.708	ug/l	99
44) Trichloroethene	9.347	130	44329	20.145	ug/l	97
45) 1,2-Dichloropropane	9.618	63	48696	20.167	ug/l	99
46) Dibromomethane	9.706	93	34080	19.561	ug/l	97
47) Bromodichloromethane	9.882	83	74218	20.909	ug/l	99
48) Methyl methacrylate	9.676	41	46655	20.374	ug/l	99
49) 1,4-Dioxane	9.688	88	14983	388.550	ug/l #	76
51) 4-Methyl-2-Pentanone	10.441	43	300611	101.808	ug/l	100
52) Toluene	10.623	92	117631	21.476	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	68014	20.276	ug/l	96
54) cis-1,3-Dichloropropene	10.306	75	75146	20.973	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	45220	20.861	ug/l	98
56) Ethyl methacrylate	10.870	69	63954	18.769	ug/l	98
57) 1,3-Dichloropropane	11.159	76	76979	20.424	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	148262	107.782	ug/l	97
59) 2-Hexanone	11.188	43	211689	101.890	ug/l	99
60) Dibromochloromethane	11.353	129	52957	20.236	ug/l	100
61) 1,2-Dibromoethane	11.465	107	42146	19.533	ug/l	100
64) Tetrachloroethene	11.100	164	40480	20.740	ug/l	97
65) Chlorobenzene	11.888	112	122590	19.546	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	44850	19.484	ug/l	100
67) Ethyl Benzene	11.959	91	208196	20.381	ug/l	100
68) m/p-Xylenes	12.070	106	160511	42.515	ug/l	98
69) o-Xylene	12.394	106	75509	20.928	ug/l	99
70) Styrene	12.406	104	124126	20.788	ug/l	100
71) Bromoform	12.576	173	34000	20.643	ug/l #	99
73) Isopropylbenzene	12.694	105	189617	20.582	ug/l	99
74) N-amyl acetate	12.488	43	81241	19.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	61871	19.012	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	56609m	20.404	ug/l	
77) Bromobenzene	12.976	156	48489	20.145	ug/l	98
78) n-propylbenzene	13.035	91	228827	20.981	ug/l	100
79) 2-Chlorotoluene	13.123	91	143092	20.272	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	163195	21.445	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	20113m	19.614	ug/l	
82) 4-Chlorotoluene	13.217	91	144513	20.562	ug/l	99
83) tert-Butylbenzene	13.435	119	131013	20.501	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	164079	21.634	ug/l	100
85) sec-Butylbenzene	13.611	105	189519	21.398	ug/l	99
86) p-Isopropyltoluene	13.723	119	153867	20.798	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	89126	20.107	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	87559	19.057	ug/l	99
89) n-Butylbenzene	14.053	91	128246	20.183	ug/l	100
90) Hexachloroethane	14.329	117	31733	18.820	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	83864	18.967	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10944	18.416	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	39555	19.248	ug/l	98
94) Hexachlorobutadiene	15.500	225	20590	18.872	ug/l	98
95) Naphthalene	15.635	128	106293	17.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	39966	19.221	ug/l	99

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

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