

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085435.D
 Acq On : 13 Jan 2025 18:42
 Operator : JC\MD
 Sample : VN0113WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0113WBSD01

Quant Time: Jan 13 20:46:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2025
 Supervised By : Mahesh Dadoda 01/14/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	177883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158135	62.329	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.660%
35) Dibromofluoromethane	8.165	113	113985	59.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.880%
50) Toluene-d8	10.565	98	426516	60.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	121.240%#
62) 4-Bromofluorobenzene	12.847	95	144353	61.772	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	123.540%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49548	20.596	ug/l	98
3) Chloromethane	2.360	50	51966	19.219	ug/l	99
4) Vinyl Chloride	2.512	62	52379	18.317	ug/l	93
5) Bromomethane	2.959	94	31166	16.665	ug/l	94
6) Chloroethane	3.124	64	32928	18.157	ug/l	98
7) Trichlorofluoromethane	3.501	101	77478	20.611	ug/l	95
8) Diethyl Ether	3.965	74	24522	19.702	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.377	101	43851	20.502	ug/l	96
10) Methyl Iodide	4.589	142	47944	19.370	ug/l #	88
11) Tert butyl alcohol	5.512	59	34458	108.461	ug/l	100
12) 1,1-Dichloroethene	4.342	96	39646	20.056	ug/l	98
13) Acrolein	4.183	56	48036	96.981	ug/l	100
14) Allyl chloride	5.030	41	62300	19.692	ug/l	96
15) Acrylonitrile	5.718	53	109656	109.665	ug/l	99
16) Acetone	4.424	43	94331	113.070	ug/l	100
17) Carbon Disulfide	4.712	76	114304	19.008	ug/l	97
18) Methyl Acetate	5.024	43	59655	23.356	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	128370	19.980	ug/l	98
20) Methylene Chloride	5.277	84	46217	20.596	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	41816	20.251	ug/l	95
22) Diisopropyl ether	6.665	45	145645	21.363	ug/l	95
23) Vinyl Acetate	6.600	43	517161	104.860	ug/l	99
24) 1,1-Dichloroethane	6.559	63	85480	20.814	ug/l	97
25) 2-Butanone	7.483	43	147243	113.764	ug/l	96
26) 2,2-Dichloropropane	7.489	77	74654	20.749	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	48764	20.120	ug/l	94
28) Bromochloromethane	7.812	49	39732	20.819	ug/l #	99
29) Tetrahydrofuran	7.836	42	98111	117.679	ug/l	98
30) Chloroform	7.965	83	88000	20.945	ug/l	95
31) Cyclohexane	8.253	56	73282	19.542	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	79325	21.141	ug/l	94
36) 1,1-Dichloropropene	8.371	75	59866	21.323	ug/l	98
37) Ethyl Acetate	7.559	43	62198	22.289	ug/l	99
38) Carbon Tetrachloride	8.359	117	67741	22.136	ug/l	95
39) Methylcyclohexane	9.600	83	57397	19.704	ug/l	97
40) Benzene	8.606	78	184900	21.783	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32326	22.619	ug/l	98
42) 1,2-Dichloroethane	8.671	62	71654	23.544	ug/l	100
43) Isopropyl Acetate	8.683	43	98701	21.481	ug/l	99
44) Trichloroethene	9.347	130	39891	19.850	ug/l	97
45) 1,2-Dichloropropane	9.618	63	46770	21.705	ug/l	99
46) Dibromomethane	9.706	93	33571	22.401	ug/l	99
47) Bromodichloromethane	9.888	83	68889	22.117	ug/l	99
48) Methyl methacrylate	9.677	41	48444	24.298	ug/l	94
49) 1,4-Dioxane	9.694	88	14434	479.823	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	314709	121.878	ug/l	99
52) Toluene	10.630	92	111838	22.127	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	65398	21.350	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	70985	21.431	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	42515	22.280	ug/l	96
56) Ethyl methacrylate	10.871	69	60730	21.852	ug/l	94
57) 1,3-Dichloropropane	11.159	76	76049	22.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	113873	84.689	ug/l	98
59) 2-Hexanone	11.194	43	223028	124.491	ug/l	99
60) Dibromochloromethane	11.359	129	49732	23.139	ug/l	99
61) 1,2-Dibromoethane	11.465	107	41842	22.163	ug/l	99
64) Tetrachloroethene	11.106	164	36213	20.910	ug/l	92
65) Chlorobenzene	11.888	112	118532	20.069	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	43819	22.105	ug/l	97
67) Ethyl Benzene	11.959	91	198225	20.181	ug/l	99
68) m/p-Xylenes	12.071	106	151406	42.120	ug/l	97
69) o-Xylene	12.394	106	71416	20.538	ug/l	98
70) Styrene	12.412	104	120907	21.454	ug/l	99
71) Bromoform	12.576	173	31865	23.209	ug/l #	98
73) Isopropylbenzene	12.694	105	181068	19.858	ug/l	99
74) N-amyl acetate	12.494	43	80977	20.747	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	64454	22.194	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	50238m	21.217	ug/l	
77) Bromobenzene	12.976	156	45429	20.109	ug/l	97
78) n-propylbenzene	13.035	91	213759	20.111	ug/l	99
79) 2-Chlorotoluene	13.124	91	135739	20.292	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	154445	20.940	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19866	20.092	ug/l	94
82) 4-Chlorotoluene	13.218	91	137197	20.365	ug/l	98
83) tert-Butylbenzene	13.435	119	120602	18.877	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	153838	20.947	ug/l	100
85) sec-Butylbenzene	13.612	105	174375	19.663	ug/l	100
86) p-Isopropyltoluene	13.729	119	141848	18.687	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	82418	20.125	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	81409	19.352	ug/l	98
89) n-Butylbenzene	14.053	91	117129	18.037	ug/l	98
90) Hexachloroethane	14.329	117	30193	20.771	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	80654	20.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11124	21.523	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	34414	17.675	ug/l	99
94) Hexachlorobutadiene	15.500	225	17732	18.329	ug/l	95
95) Naphthalene	15.641	128	103036	15.606	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35758	18.381	ug/l	99

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

