

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085576.D
 Acq On : 30 Jan 2025 13:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 31 02:33:22 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2025
 Supervised By : Semsettin Yesilyurt 01/31/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	183741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143955	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156421	52.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.480%
35) Dibromofluoromethane	8.165	113	116235	53.378	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.760%
50) Toluene-d8	10.565	98	422608	54.623	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.240%
62) 4-Bromofluorobenzene	12.847	95	149779	56.593	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.180%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	106403	42.770	ug/l	99
3) Chloromethane	2.359	50	114357	42.455	ug/l	99
4) Vinyl Chloride	2.512	62	118602	43.806	ug/l	97
5) Bromomethane	2.947	94	72156	44.121	ug/l	92
6) Chloroethane	3.118	64	83744	48.788	ug/l	96
7) Trichlorofluoromethane	3.495	101	191315	48.700	ug/l	98
8) Diethyl Ether	3.965	74	62826	46.293	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	110832	50.090	ug/l	99
10) Methyl Iodide	4.589	142	128183	50.588	ug/l	98
11) Tert butyl alcohol	5.518	59	102026	300.411	ug/l	100
12) 1,1-Dichloroethene	4.342	96	93887	47.611	ug/l	97
13) Acrolein	4.177	56	101928	219.855	ug/l	99
14) Allyl chloride	5.024	41	146287	45.717	ug/l	97
15) Acrylonitrile	5.712	53	298124	276.361	ug/l	100
16) Acetone	4.418	43	252330	263.302	ug/l	97
17) Carbon Disulfide	4.712	76	239608	39.463	ug/l	100
18) Methyl Acetate	5.024	43	167533	57.490	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	348608	54.443	ug/l	100
20) Methylene Chloride	5.277	84	119755	50.478	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	104539	49.604	ug/l	98
22) Diisopropyl ether	6.665	45	387564	54.569	ug/l	99
23) Vinyl Acetate	6.600	43	1364741	274.572	ug/l	99
24) 1,1-Dichloroethane	6.565	63	224523	51.845	ug/l	100
25) 2-Butanone	7.477	43	388510	275.487	ug/l	100
26) 2,2-Dichloropropane	7.488	77	190914	54.526	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	129662	52.236	ug/l	100
28) Bromochloromethane	7.812	49	92566	45.943	ug/l	100
29) Tetrahydrofuran	7.835	42	261106	292.028	ug/l	99
30) Chloroform	7.965	83	237004	52.951	ug/l	98
31) Cyclohexane	8.253	56	166174	44.147	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	207040	52.734	ug/l	98
36) 1,1-Dichloropropene	8.365	75	150755	49.328	ug/l	100
37) Ethyl Acetate	7.553	43	161263	52.277	ug/l	98
38) Carbon Tetrachloride	8.359	117	181734	51.942	ug/l	98
39) Methylcyclohexane	9.600	83	138891	48.362	ug/l	98
40) Benzene	8.600	78	472356	51.439	ug/l	99

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41) Methacrylonitrile	7.777	41	87457	54.494	ug/l	99
42) 1,2-Dichloroethane	8.671	62	182518	52.773	ug/l	100
43) Isopropyl Acetate	8.688	43	271592	54.946	ug/l	100
44) Trichloroethene	9.347	130	103161	48.262	ug/l	94
45) 1,2-Dichloropropane	9.618	63	125383	53.456	ug/l	99
46) Dibromomethane	9.706	93	89758	53.034	ug/l	100
47) Bromodichloromethane	9.882	83	191163	55.441	ug/l	98
48) Methyl methacrylate	9.676	41	127818	57.462	ug/l	98
49) 1,4-Dioxane	9.688	88	41260	1101.481	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	862307	300.635	ug/l	100
52) Toluene	10.623	92	296774	55.777	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	179055	54.950	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	190400	54.703	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	118122	56.098	ug/l	99
56) Ethyl methacrylate	10.871	69	177570	50.059	ug/l	98
57) 1,3-Dichloropropane	11.159	76	202300	55.253	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	380492	284.749	ug/l	100
59) 2-Hexanone	11.194	43	627583	310.960	ug/l	99
60) Dibromochloromethane	11.359	129	142781	56.166	ug/l	99
61) 1,2-Dibromoethane	11.465	107	113470	54.137	ug/l	97
64) Tetrachloroethene	11.100	164	100903	51.614	ug/l	98
65) Chlorobenzene	11.888	112	314692	50.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	122150	52.979	ug/l	98
67) Ethyl Benzene	11.959	91	558580	54.592	ug/l	99
68) m/p-Xylenes	12.070	106	428391	113.286	ug/l	99
69) o-Xylene	12.394	106	202523	56.041	ug/l	98
70) Styrene	12.406	104	354949	59.347	ug/l	99
71) Bromoform	12.576	173	94600	57.343	ug/l #	98
73) Isopropylbenzene	12.694	105	512541	52.754	ug/l	99
74) N-amyl acetate	12.488	43	233929	53.567	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	171223	49.890	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	140376m	47.977	ug/l	
77) Bromobenzene	12.976	156	130776	51.520	ug/l	99
78) n-propylbenzene	13.035	91	629351	54.718	ug/l	100
79) 2-Chlorotoluene	13.123	91	387181	52.013	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	450252	56.104	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	57144	52.840	ug/l	94
82) 4-Chlorotoluene	13.217	91	390572	52.696	ug/l	99
83) tert-Butylbenzene	13.435	119	365993	54.306	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	448357	56.054	ug/l	99
85) sec-Butylbenzene	13.612	105	512993	54.921	ug/l	99
86) p-Isopropyltoluene	13.723	119	427384	50.722	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	242512	51.878	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	235950	48.695	ug/l	99
89) n-Butylbenzene	14.053	91	351238	52.416	ug/l	99
90) Hexachloroethane	14.329	117	89687	50.438	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	235032	50.405	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32963	52.597	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	105261	48.570	ug/l	99
94) Hexachlorobutadiene	15.494	225	52187	45.357	ug/l	96
95) Naphthalene	15.635	128	323993	50.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	107090	48.836	ug/l	99

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

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