

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010625\
 Data File : VN085388.D
 Acq On : 06 Jan 2025 16:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 07 00:24:22 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 01/07/2025
 Supervised By : Mahesh Dadoda 01/07/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	156275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	270000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111395	49.977	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.960%
35) Dibromofluoromethane	8.159	113	86336	51.256	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	10.565	98	312301	50.526	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.847	95	110072	53.621	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	121449	57.463	ug/l	97
3) Chloromethane	2.359	50	121838	51.291	ug/l	99
4) Vinyl Chloride	2.512	62	125383	49.910	ug/l	99
5) Bromomethane	2.953	94	74726	45.481	ug/l	100
6) Chloroethane	3.118	64	79316	49.784	ug/l	98
7) Trichlorofluoromethane	3.495	101	177867	53.860	ug/l	97
8) Diethyl Ether	3.959	74	61824	56.540	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	103522	55.092	ug/l	99
10) Methyl Iodide	4.583	142	117331	53.957	ug/l	94
11) Tert butyl alcohol	5.512	59	68715	246.195	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	94874	54.632	ug/l	94
13) Acrolein	4.177	56	104266	239.611	ug/l	98
14) Allyl chloride	5.024	41	152719	54.947	ug/l	99
15) Acrylonitrile	5.712	53	245834	279.848	ug/l	100
16) Acetone	4.418	43	200607	273.705	ug/l	99
17) Carbon Disulfide	4.712	76	287958	54.505	ug/l	100
18) Methyl Acetate	5.018	43	122704	54.683	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	317251	56.204	ug/l	99
20) Methylene Chloride	5.271	84	108356	54.964	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	102549	56.529	ug/l	99
22) Diisopropyl ether	6.665	45	349772	58.399	ug/l	98
23) Vinyl Acetate	6.600	43	1306539	301.545	ug/l	99
24) 1,1-Dichloroethane	6.565	63	200302	55.518	ug/l	100
25) 2-Butanone	7.477	43	314309	276.421	ug/l	94
26) 2,2-Dichloropropane	7.483	77	177069	56.018	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	119340	56.049	ug/l	92
28) Bromochloromethane	7.806	49	83028	49.520	ug/l #	98
29) Tetrahydrofuran	7.835	42	216178	295.147	ug/l	97
30) Chloroform	7.959	83	202707	54.919	ug/l	99
31) Cyclohexane	8.253	56	177930	54.008	ug/l	96
32) 1,1,1-Trichloroethane	8.159	97	177914	53.972	ug/l	99
36) 1,1-Dichloropropene	8.371	75	149226	60.508	ug/l	98
37) Ethyl Acetate	7.553	43	138718	56.589	ug/l	97
38) Carbon Tetrachloride	8.359	117	159367	59.284	ug/l	98
39) Methylcyclohexane	9.594	83	160817	62.848	ug/l	97
40) Benzene	8.600	78	445104	59.693	ug/l	99

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41) Methacrylonitrile	7.771	41	77021	61.351	ug/l	97
42) 1,2-Dichloroethane	8.665	62	152726	57.128	ug/l	99
43) Isopropyl Acetate	8.682	43	238649	59.126	ug/l	99
44) Trichloroethene	9.347	130	98790	55.960	ug/l	96
45) 1,2-Dichloropropane	9.618	63	112111	59.228	ug/l	98
46) Dibromomethane	9.700	93	76438	58.064	ug/l	99
47) Bromodichloromethane	9.882	83	161362	58.974	ug/l #	97
48) Methyl methacrylate	9.677	41	108457	61.925	ug/l	98
49) 1,4-Dioxane	9.688	88	31409	1188.607	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	682964	301.095	ug/l	100
52) Toluene	10.624	92	270677	60.965	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	165294	61.430	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	175445	60.298	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	99108	59.124	ug/l	95
56) Ethyl methacrylate	10.871	69	158148	64.780	ug/l	98
57) 1,3-Dichloropropane	11.159	76	175354	59.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	347981	294.611	ug/l	97
59) 2-Hexanone	11.188	43	488918	310.674	ug/l	100
60) Dibromochloromethane	11.353	129	115889	61.381	ug/l	99
61) 1,2-Dibromoethane	11.465	107	98179	59.201	ug/l	100
64) Tetrachloroethene	11.100	164	83740	54.890	ug/l	97
65) Chlorobenzene	11.888	112	292718	56.260	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	101456	58.100	ug/l	98
67) Ethyl Benzene	11.959	91	513782	59.378	ug/l	99
68) m/p-Xylenes	12.065	106	390642	123.366	ug/l	99
69) o-Xylene	12.394	106	188098	61.406	ug/l	99
70) Styrene	12.406	104	312477	62.941	ug/l	99
71) Bromoform	12.576	173	73034	60.385	ug/l #	99
73) Isopropylbenzene	12.688	105	467314	56.700	ug/l	100
74) N-amyl acetate	12.488	43	207742	58.886	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	141483	53.900	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	107588m	50.269	ug/l	
77) Bromobenzene	12.976	156	109747	53.746	ug/l	99
78) n-propylbenzene	13.029	91	574659	59.816	ug/l	100
79) 2-Chlorotoluene	13.123	91	342580	56.659	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	396231	59.436	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50842	56.890	ug/l	98
82) 4-Chlorotoluene	13.217	91	345084	56.669	ug/l	99
83) tert-Butylbenzene	13.435	119	329433	57.047	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	400781	60.376	ug/l	99
85) sec-Butylbenzene	13.612	105	475003	59.258	ug/l	99
86) p-Isopropyltoluene	13.723	119	397550	55.083	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	206700	55.839	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	206269	54.247	ug/l	100
89) n-Butylbenzene	14.053	91	346658	59.058	ug/l	99
90) Hexachloroethane	14.329	117	76986	58.593	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	200149	56.759	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24972	53.453	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	98456	55.944	ug/l	99
94) Hexachlorobutadiene	15.494	225	46514	53.194	ug/l	98
95) Naphthalene	15.635	128	293890	49.246	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	95307	54.201	ug/l	99

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

