Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
Data File : VN086140.D
Acq On : 28 Mar 2025 10:44
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 28 23:36:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	218266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	134346	44.950	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 89.900%			
35) Dibromofluoromethane	8.165	113	112230	47.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.100%			
50) Toluene-d8	10.565	98	427108	49.339	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.680%			
62) 4-Bromofluorobenzene	12.847	95	156781	50.784	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	127792	44.193	ug/l	97
3) Chloromethane	2.359	50	126147	49.761	ug/l	97
4) Vinyl Chloride	2.512	62	137241	52.948	ug/l	100
5) Bromomethane	2.942	94	85411	48.375	ug/l	99
6) Chloroethane	3.112	64	85977	52.579	ug/l	91
7) Trichlorofluoromethane	3.495	101	213341	45.786	ug/l	98
8) Diethyl Ether	3.959	74	68358	47.923	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	126471	51.070	ug/l	98
10) Methyl Iodide	4.583	142	155966	48.335	ug/l	100
11) Tert butyl alcohol	5.524	59	96684	228.480	ug/l	98
12) 1,1-Dichloroethene	4.336	96	109233	48.849	ug/l	98
13) Acrolein	4.183	56	79514	176.175	ug/l	96
14) Allyl chloride	5.018	41	134804	48.322	ug/l	97
15) Acrylonitrile	5.718	53	301308	269.611	ug/l	98
16) Acetone	4.424	43	217644	238.355	ug/l	98
17) Carbon Disulfide	4.712	76	317078	43.117	ug/l	97
18) Methyl Acetate	5.018	43	133940	59.287	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	366744	50.050	ug/l	96
20) Methylene Chloride	5.271	84	134442	50.330	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	122521	50.136	ug/l	95
22) Diisopropyl ether	6.671	45	334371	56.246	ug/l	98
23) Vinyl Acetate	6.600	43	1219974	270.712	ug/l	98
24) 1,1-Dichloroethane	6.565	63	222267	50.844	ug/l	98
25) 2-Butanone	7.483	43	351958	267.129	ug/l	94
26) 2,2-Dichloropropane	7.488	77	200348	47.604	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	142345	51.259	ug/l	98
28) Bromochloromethane	7.812	49	93838	50.665	ug/l	96
29) Tetrahydrofuran	7.835	42	237361	291.808	ug/l	95
30) Chloroform	7.965	83	242183	50.121	ug/l	100
31) Cyclohexane	8.253	56	180052	48.348	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	219467	47.982	ug/l	99
36) 1,1-Dichloropropene	8.371	75	163082	51.925	ug/l	99
37) Ethyl Acetate	7.559	43	140827	53.149	ug/l	99
38) Carbon Tetrachloride	8.359	117	203489	49.277	ug/l	99
39) Methylcyclohexane	9.600	83	163933	52.610	ug/l	94
40) Benzene	8.606	78	521201	52.863	ug/l	100

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41) Methacrylonitrile	7.777	41	72271	57.121	ug/l		96
42) 1,2-Dichloroethane	8.665	62	168370	49.009	ug/l		98
43) Isopropyl Acetate	8.682	43	233419	40.654	ug/l		98
44) Trichloroethene	9.353	130	122575	47.968	ug/l		99
45) 1,2-Dichloropropane	9.618	63	125621	56.019	ug/l		97
46) Dibromomethane	9.706	93	94345	53.497	ug/l		98
47) Bromodichloromethane	9.882	83	191158	51.864	ug/l		99
48) Methyl methacrylate	9.677	41	108367	57.195	ug/l		98
49) 1,4-Dioxane	9.688	88	53208	1187.958	ug/l		93
51) 4-Methyl-2-Pentanone	10.441	43	764611	301.956	ug/l		98
52) Toluene	10.629	92	344803	56.980	ug/l		97
53) t-1,3-Dichloropropene	10.835	75	189701	52.997	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	204166	54.061	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	129344	56.002	ug/l		95
56) Ethyl methacrylate	10.871	69	189636	52.177	ug/l		98
57) 1,3-Dichloropropane	11.159	76	214007	54.554	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	407237	286.551	ug/l		97
59) 2-Hexanone	11.194	43	572758	310.491	ug/l		97
60) Dibromochloromethane	11.359	129	160006	53.688	ug/l		97
61) 1,2-Dibromoethane	11.471	107	128563	54.221	ug/l		98
64) Tetrachloroethene	11.100	164	125011	48.733	ug/l		98
65) Chlorobenzene	11.888	112	368410	50.066	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	137086	50.116	ug/l		97
67) Ethyl Benzene	11.959	91	627394	53.301	ug/l		99
68) m/p-Xylenes	12.070	106	511977	110.663	ug/l		98
69) o-Xylene	12.394	106	237775	55.997	ug/l		97
70) Styrene	12.412	104	416893	57.481	ug/l		98
71) Bromoform	12.576	173	112868	49.359	ug/l	#	99
73) Isopropylbenzene	12.694	105	590904	48.698	ug/l		98
74) N-amyl acetate	12.494	43	207590	51.135	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	189713	46.214	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	180572m	45.392	ug/l		
77) Bromobenzene	12.976	156	158851	46.950	ug/l		99
78) n-propylbenzene	13.035	91	712397	51.848	ug/l		100
79) 2-Chlorotoluene	13.123	91	447666	49.052	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	532182	51.948	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	70514	46.864	ug/l		98
82) 4-Chlorotoluene	13.217	91	462335	49.263	ug/l		98
83) tert-Butylbenzene	13.435	119	420738	48.020	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	540255	52.285	ug/l		99
85) sec-Butylbenzene	13.612	105	602307	52.695	ug/l		100
86) p-Isopropyltoluene	13.729	119	517398	53.474	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	297823	48.834	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	288219	44.981	ug/l		99
89) n-Butylbenzene	14.053	91	399115	50.654	ug/l		100
90) Hexachloroethane	14.329	117	102546	45.931	ug/l		96
91) 1,2-Dichlorobenzene	14.106	146	283182	46.709	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36644	44.718	ug/l		97
93) 1,2,4-Trichlorobenzene	15.388	180	135530	44.459	ug/l		100
94) Hexachlorobutadiene	15.500	225	72323	40.893	ug/l		100
95) Naphthalene	15.641	128	397897	45.076	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	134039	46.339	ug/l		99

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

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