Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
Data File : VN086669.D
Acq On : 16 May 2025 16:31
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

Quant Time: May 17 00:11:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:09:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	204431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 74 - 125		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 86 - 113		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	1668	0.687	ug/l	92
3) Chloromethane	2.359	50	3511	0.992	ug/l	91
4) Vinyl Chloride	2.518	62	2679	0.803	ug/l	92
6) Chloroethane	3.118	64	1819	0.817	ug/l #	82
7) Trichlorofluoromethane	3.494	101	3176	0.851	ug/l #	82
8) Diethyl Ether	3.959	74	1329	0.823	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	1834	0.814	ug/l	96
12) 1,1-Dichloroethene	4.336	96	2173	0.904	ug/l #	83
14) Allyl chloride	5.024	41	3215	0.764	ug/l	94
15) Acrylonitrile	5.718	53	5412	4.060	ug/l	99
16) Acetone	4.436	43	5855	4.962	ug/l	93
17) Carbon Disulfide	4.724	76	5935	0.825	ug/l #	92
18) Methyl Acetate	5.024	43	3780	1.087	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	7109	0.810	ug/l	99
20) Methylene Chloride	5.271	84	3050	1.110	ug/l #	96
21) trans-1,2-Dichloroethene	5.794	96	2250	0.894	ug/l #	73
22) Diisopropyl ether	6.671	45	6818	0.743	ug/l #	96
23) Vinyl Acetate	6.600	43	23893	3.683	ug/l	99
24) 1,1-Dichloroethane	6.571	63	4288	0.877	ug/l #	82
25) 2-Butanone	7.482	43	7380	4.035	ug/l	96
26) 2,2-Dichloropropane	7.488	77	3751	0.866	ug/l	91
27) cis-1,2-Dichloroethene	7.488	96	2786	0.893	ug/l	94
28) Bromochloromethane	7.818	49	1999	0.957	ug/l #	86
29) Tetrahydrofuran	7.847	42	4627	3.784	ug/l	99
30) Chloroform	7.965	83	4340	0.901	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	3575	0.867	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	3030	0.877	ug/l	93
37) Ethyl Acetate	7.559	43	3175	0.874	ug/l #	69
38) Carbon Tetrachloride	8.359	117	2873	0.869	ug/l #	85
39) Methylcyclohexane	9.600	83	3255	0.801	ug/l	92
40) Benzene	8.606	78	10071	0.908	ug/l	96
41) Methacrylonitrile	7.782	41	1615	0.775	ug/l #	57
42) 1,2-Dichloroethane	8.665	62	3087	0.874	ug/l	80
43) Isopropyl Acetate	8.682	43	8505m	0.980	ug/l	
44) Trichloroethene	9.353	130	2284	0.866	ug/l	93
45) 1,2-Dichloropropane	9.618	63	2325	0.861	ug/l	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:09:38 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	9.706	93	1521	0.878	ug/l		95
47) Bromodichloromethane	9.882	83	3268	0.875	ug/l	#	87
48) Methyl methacrylate	9.676	41	2282	0.725	ug/l		97
49) 1,4-Dioxane	9.700	88	978	17.569	ug/l	#	73
51) 4-Methyl-2-Pentanone	10.441	43	14811	4.011	ug/l		97
52) Toluene	10.623	92	5713	0.826	ug/l		91
53) t-1,3-Dichloropropene	10.835	75	3234	0.783	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	3626	0.798	ug/l	#	86
55) 1,1,2-Trichloroethane	11.018	97	2419	0.970	ug/l	#	79
56) Ethyl methacrylate	10.870	69	3289	0.722	ug/l		96
57) 1,3-Dichloropropane	11.159	76	3826	0.866	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	6624	3.099	ug/l		99
59) 2-Hexanone	11.194	43	10521	3.837	ug/l		91
60) Dibromochloromethane	11.359	129	2253	0.825	ug/l		98
61) 1,2-Dibromoethane	11.470	107	2160	0.855	ug/l		99
64) Tetrachloroethene	11.100	164	2329	0.929	ug/l		88
65) Chlorobenzene	11.888	112	6720	0.922	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.953	131	2204	0.917	ug/l	#	60
67) Ethyl Benzene	11.959	91	11189	0.855	ug/l		95
68) m/p-Xylenes	12.065	106	7721	1.572	ug/l		97
69) o-Xylene	12.394	106	3944	0.809	ug/l		95
70) Styrene	12.412	104	6208	0.767	ug/l		99
71) Bromoform	12.576	173	1394	0.771	ug/l	#	99
73) Isopropylbenzene	12.694	105	9008	0.921	ug/l		96
74) N-amyl acetate	12.488	43	3655	0.762	ug/l		92
75) 1,1,2,2-Tetrachloroethane	12.935	83	2752	0.969	ug/l		98
76) 1,2,3-Trichloropropane	12.988	75	2756m	0.972	ug/l		
77) Bromobenzene	12.976	156	2503	1.142	ug/l		93
78) n-propylbenzene	13.029	91	10063	0.875	ug/l		95
79) 2-Chlorotoluene	13.123	91	6658	0.921	ug/l		95
80) 1,3,5-Trimethylbenzene	13.170	105	6811	0.851	ug/l		100
82) 4-Chlorotoluene	13.217	91	6587	0.920	ug/l		94
83) tert-Butylbenzene	13.435	119	6176	0.889	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	6564	0.807	ug/l		99
85) sec-Butylbenzene	13.611	105	7764	0.811	ug/l		100
86) p-Isopropyltoluene	13.729	119	6368	0.807	ug/l		94
87) 1,3-Dichlorobenzene	13.729	146	3900	0.951	ug/l		94
88) 1,4-Dichlorobenzene	13.806	146	3823m	0.928	ug/l		
89) n-Butylbenzene	14.053	91	5382	0.777	ug/l		97
90) Hexachloroethane	14.329	117	1038	0.782	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	3792	0.954	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	395	0.702	ug/l	#	65
93) 1,2,4-Trichlorobenzene	15.394	180	1389	0.741	ug/l		88
94) Hexachlorobutadiene	15.500	225	752	1.056	ug/l		82
95) Naphthalene	15.635	128	5170	0.777	ug/l		96
96) 1,2,3-Trichlorobenzene	15.841	180	1509	0.847	ug/l		91

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

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Instrument :
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