Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087205.D
Acq On : 26 Jun 2025 19:20
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 27 05:56:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN062625

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	188685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133931	49.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.640%			
35) Dibromofluoromethane	8.171	113	105790	48.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.940%			
50) Toluene-d8	10.565	98	423297	46.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.780%			
62) 4-Bromofluorobenzene	12.847	95	156377	49.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	117123	49.535	ug/l	98
3) Chloromethane	2.395	50	112599	48.771	ug/l	96
4) Vinyl Chloride	2.553	62	125323	50.235	ug/l	98
5) Bromomethane	2.989	94	69401	51.837	ug/l	98
6) Chloroethane	3.153	64	63812	48.950	ug/l	99
7) Trichlorofluoromethane	3.530	101	155804	52.447	ug/l	97
8) Diethyl Ether	3.989	74	67780	51.293	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.394	101	114625	54.740	ug/l	99
10) Methyl Iodide	4.618	142	107395	58.067	ug/l	98
11) Tert butyl alcohol	5.536	59	158646	265.167	ug/l	100
12) 1,1-Dichloroethene	4.371	96	113048	51.074	ug/l	96
13) Acrolein	4.200	56	136447	276.604	ug/l	98
14) Allyl chloride	5.047	41	186800	52.639	ug/l	99
15) Acrylonitrile	5.736	53	414511	265.666	ug/l	99
16) Acetone	4.441	43	342238	271.044	ug/l	98
17) Carbon Disulfide	4.741	76	344821	55.194	ug/l	100
18) Methyl Acetate	5.047	43	172974	52.858	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	408854	53.629	ug/l	97
20) Methylene Chloride	5.300	84	130082	55.142	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	127357	51.880	ug/l	94
22) Diisopropyl ether	6.683	45	409060	51.897	ug/l	98
23) Vinyl Acetate	6.618	43	1844652	261.704	ug/l	99
24) 1,1-Dichloroethane	6.588	63	236523	50.807	ug/l	99
25) 2-Butanone	7.488	43	560168	272.102	ug/l	99
26) 2,2-Dichloropropane	7.500	77	192222	51.944	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	151955	53.239	ug/l	97
28) Bromochloromethane	7.824	49	103450	50.549	ug/l	99
29) Tetrahydrofuran	7.847	42	370914	274.802	ug/l	100
30) Chloroform	7.971	83	228672	52.075	ug/l	100
31) Cyclohexane	8.265	56	209582	49.855	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	191921	50.872	ug/l	100
36) 1,1-Dichloropropene	8.377	75	164168	51.353	ug/l	100
37) Ethyl Acetate	7.571	43	215074	52.338	ug/l	100
38) Carbon Tetrachloride	8.371	117	158927	51.044	ug/l	97
39) Methylcyclohexane	9.600	83	196383	50.349	ug/l	99
40) Benzene	8.612	78	500062	50.625	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	115036	54.981	ug/l		99
42) 1,2-Dichloroethane	8.677	62	164124	51.110	ug/l		98
43) Isopropyl Acetate	8.688	43	317641	54.046	ug/l		100
44) Trichloroethene	9.353	130	114263	48.314	ug/l		98
45) 1,2-Dichloropropane	9.623	63	122838	48.246	ug/l		97
46) Dibromomethane	9.712	93	85054	49.294	ug/l		98
47) Bromodichloromethane	9.888	83	167661	48.383	ug/l		97
48) Methyl methacrylate	9.682	41	142133	50.020	ug/l		98
49) 1,4-Dioxane	9.706	88	45809	974.624	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.447	43	1024974	247.174	ug/l		100
52) Toluene	10.629	92	316019	50.044	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	199523	51.638	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	203608	49.525	ug/l		96
55) 1,1,2-Trichloroethane	11.012	97	122388	51.246	ug/l		97
56) Ethyl methacrylate	10.876	69	203024	50.398	ug/l		97
57) 1,3-Dichloropropane	11.165	76	217000	51.429	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	495728	227.812	ug/l		98
59) 2-Hexanone	11.200	43	691253	264.374	ug/l		99
60) Dibromochloromethane	11.359	129	135103	52.016	ug/l		100
61) 1,2-Dibromoethane	11.470	107	129627	51.347	ug/l		99
64) Tetrachloroethene	11.100	164	101330	50.914	ug/l		97
65) Chlorobenzene	11.888	112	360080	49.924	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	117142	50.847	ug/l		99
67) Ethyl Benzene	11.959	91	625604	52.008	ug/l		99
68) m/p-Xylenes	12.070	106	486378	105.673	ug/l		99
69) o-Xylene	12.394	106	230264	55.034	ug/l		99
70) Styrene	12.412	104	391863	54.565	ug/l		100
71) Bromoform	12.576	173	90085	52.689	ug/l	#	98
73) Isopropylbenzene	12.694	105	588149	54.224	ug/l		100
74) N-amyl acetate	12.512	43	192968	47.813	ug/l	#	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	196285	50.244	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	187267m	52.385	ug/l		
77) Bromobenzene	12.976	156	137403	52.124	ug/l		98
78) n-propylbenzene	13.029	91	712421	53.327	ug/l		100
79) 2-Chlorotoluene	13.123	91	425974	51.220	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	499658	55.801	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	84967	53.345	ug/l		88
82) 4-Chlorotoluene	13.217	91	444326	53.592	ug/l		100
83) tert-Butylbenzene	13.435	119	421297	54.774	ug/l		100
84) 1,2,4-Trimethylbenzene	13.476	105	491833	54.131	ug/l		100
85) sec-Butylbenzene	13.611	105	610932	53.913	ug/l		99
86) p-Isopropyltoluene	13.723	119	514686	55.378	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	271017	51.091	ug/l		99
88) 1,4-Dichlorobenzene	13.806	146	276031	50.610	ug/l		100
89) n-Butylbenzene	14.053	91	464891	53.838	ug/l		100
90) Hexachloroethane	14.329	117	92286	51.311	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	252812	50.603	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	46550	52.198	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	148650	53.446	ug/l		99
94) Hexachlorobutadiene	15.494	225	46000	52.428	ug/l		97
95) Naphthalene	15.635	128	568297	53.859	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	144006	52.439	ug/l		100

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

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