Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
Data File : VN086838.D
Acq On : 03 Jun 2025 13:20
Operator : JC\MD
Sample : VN0603WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 04 01:57:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	283988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	510275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	430553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	192303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	181973	46.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.740%		
35) Dibromofluoromethane	8.159	113	151891	49.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.960%		
50) Toluene-d8	10.565	98	591397	46.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.920%		
62) 4-Bromofluorobenzene	12.847	95	208331	46.851	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	53812	17.546	ug/l	98
3) Chloromethane	2.371	50	110222	23.761	ug/l	100
4) Vinyl Chloride	2.530	62	66995	16.081	ug/l	96
5) Bromomethane	2.977	94	32163	13.392	ug/l	97
6) Chloroethane	3.136	64	44514	16.311	ug/l	99
7) Trichlorofluoromethane	3.501	101	88148	17.705	ug/l	98
8) Diethyl Ether	3.948	74	40628	19.754	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	56654	19.008	ug/l	98
10) Methyl Iodide	4.571	142	26910	7.258	ug/l	99
11) Tert butyl alcohol	5.512	59	64897	90.804	ug/l	99
12) 1,1-Dichloroethene	4.324	96	56706	17.902	ug/l	99
13) Acrolein	4.159	56	40557	53.083	ug/l	96
14) Allyl chloride	5.006	41	98262	20.495	ug/l	89
15) Acrylonitrile	5.712	53	166222	93.934	ug/l	99
16) Acetone	4.412	43	125964	85.812	ug/l	94
17) Carbon Disulfide	4.700	76	150213	17.128	ug/l	99
18) Methyl Acetate	5.012	43	76462	18.611	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	214403	19.879	ug/l	100
20) Methylene Chloride	5.259	84	66446	17.153	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	60452	18.051	ug/l	95
22) Diisopropyl ether	6.659	45	211170	19.523	ug/l	98
23) Vinyl Acetate	6.594	43	785744	96.658	ug/l	98
24) 1,1-Dichloroethane	6.559	63	116831	18.397	ug/l	98
25) 2-Butanone	7.477	43	214606	94.610	ug/l	99
26) 2,2-Dichloropropane	7.483	77	103280	19.707	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	76629	18.641	ug/l	99
28) Bromochloromethane	7.812	49	57682	19.992	ug/l	96
29) Tetrahydrofuran	7.836	42	141314	95.445	ug/l	100
30) Chloroform	7.959	83	115571	18.183	ug/l	98
31) Cyclohexane	8.247	56	106015	18.000	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	98360	18.354	ug/l	94
36) 1,1-Dichloropropene	8.365	75	83438	18.614	ug/l	99
37) Ethyl Acetate	7.553	43	85931	18.978	ug/l	97
38) Carbon Tetrachloride	8.353	117	81872	18.537	ug/l	96
39) Methylcyclohexane	9.600	83	97899	20.179	ug/l	96
40) Benzene	8.600	78	274657	18.783	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	49006	20.045	ug/l		97
42) 1,2-Dichloroethane	8.665	62	83577	18.346	ug/l		96
43) Isopropyl Acetate	8.683	43	150999	16.635	ug/l		96
44) Trichloroethene	9.347	130	63258	17.936	ug/l		99
45) 1,2-Dichloropropane	9.618	63	67663	19.479	ug/l		98
46) Dibromomethane	9.706	93	44596	19.026	ug/l		99
47) Bromodichloromethane	9.882	83	93015	19.260	ug/l		98
48) Methyl methacrylate	9.677	41	68495	19.473	ug/l		97
49) 1,4-Dioxane	9.694	88	27033	362.952	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.441	43	425395	92.930	ug/l		99
52) Toluene	10.630	92	168549	18.546	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	104834	20.502	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	113076	20.258	ug/l		97
55) 1,1,2-Trichloroethane	11.012	97	63651	18.775	ug/l		98
56) Ethyl methacrylate	10.877	69	108927	20.011	ug/l		99
57) 1,3-Dichloropropane	11.159	76	112229	19.216	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	278884	114.636	ug/l		99
59) 2-Hexanone	11.200	43	270873	81.032	ug/l		98
60) Dibromochloromethane	11.359	129	68721	19.342	ug/l		99
61) 1,2-Dibromoethane	11.471	107	64226	18.852	ug/l		100
64) Tetrachloroethene	11.100	164	50645	15.355	ug/l		97
65) Chlorobenzene	11.888	112	182720	19.353	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.959	131	61410	20.148	ug/l		97
67) Ethyl Benzene	11.965	91	313319	19.375	ug/l		100
68) m/p-Xylenes	12.071	106	239195	39.052	ug/l		98
69) o-Xylene	12.394	106	117643	19.319	ug/l		99
70) Styrene	12.412	104	196969	19.757	ug/l		100
71) Bromoform	12.576	173	44330	20.451	ug/l	#	98
73) Isopropylbenzene	12.694	105	287026	19.325	ug/l		99
74) N-amyl acetate	12.506	43	112027	18.053	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	93075	20.398	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	74966m	17.237	ug/l		
77) Bromobenzene	12.976	156	67245	17.999	ug/l		98
78) n-propylbenzene	13.035	91	329636	19.340	ug/l		99
79) 2-Chlorotoluene	13.123	91	205023	18.500	ug/l		100
80) 1,3,5-Trimethylbenzene	13.171	105	232803	19.564	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	40628	23.575	ug/l		90
82) 4-Chlorotoluene	13.218	91	206930	18.846	ug/l		100
83) tert-Butylbenzene	13.435	119	206598	19.909	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	233529	19.708	ug/l		99
85) sec-Butylbenzene	13.612	105	275626	19.809	ug/l		99
86) p-Isopropyltoluene	13.729	119	236095	20.700	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	122189	18.887	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	122295	19.079	ug/l		98
89) n-Butylbenzene	14.053	91	202721	21.440	ug/l		99
90) Hexachloroethane	14.329	117	38593	20.394	ug/l		93
91) 1,2-Dichlorobenzene	14.106	146	118775	19.302	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17995	23.806	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	63294	24.368	ug/l		99
94) Hexachlorobutadiene	15.494	225	22251	20.648	ug/l		98
95) Naphthalene	15.635	128	231862	25.709	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	61361	24.123	ug/l		99

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

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