Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
Data File : VN086779.D
Acq On : 27 May 2025 12:43
Operator : JC\MD
Sample : VN0527WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 29 01:46:01 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 :
VN0527WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	265089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	461574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	410382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	190505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154765	42.250	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 84.500%			
35) Dibromofluoromethane	8.165	113	132738	48.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.580%			
50) Toluene-d8	10.565	98	547980	48.105	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.200%			
62) 4-Bromofluorobenzene	12.847	95	195744	48.665	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	50756	17.730	ug/l	99
3) Chloromethane	2.359	50	68299	15.773	ug/l	100
4) Vinyl Chloride	2.518	62	62709	16.126	ug/l	96
5) Bromomethane	2.954	94	36056	16.084	ug/l	99
6) Chloroethane	3.118	64	40185	15.774	ug/l	99
7) Trichlorofluoromethane	3.501	101	77760	16.732	ug/l	100
8) Diethyl Ether	3.959	74	34000	17.710	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	48839	17.554	ug/l	95
10) Methyl Iodide	4.583	142	57045	16.483	ug/l	95
11) Tert butyl alcohol	5.512	59	49865	74.745	ug/l	99
12) 1,1-Dichloroethene	4.342	96	49385	16.703	ug/l	95
13) Acrolein	4.177	56	65238	91.475	ug/l	99
14) Allyl chloride	5.018	41	73257	16.369	ug/l	94
15) Acrylonitrile	5.718	53	129803	78.583	ug/l	99
16) Acetone	4.424	43	96079	70.119	ug/l	92
17) Carbon Disulfide	4.712	76	134342	16.411	ug/l	99
18) Methyl Acetate	5.018	43	56093	14.626	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	171063	16.991	ug/l	97
20) Methylene Chloride	5.277	84	58817	16.266	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	52358	16.749	ug/l	99
22) Diisopropyl ether	6.671	45	167172	16.557	ug/l	97
23) Vinyl Acetate	6.600	43	648386	85.447	ug/l	99
24) 1,1-Dichloroethane	6.565	63	96616	16.299	ug/l	96
25) 2-Butanone	7.483	43	159697	75.422	ug/l	96
26) 2,2-Dichloropropane	7.489	77	84854	17.346	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	66306	17.280	ug/l	97
28) Bromochloromethane	7.812	49	48757	18.103	ug/l	90
29) Tetrahydrofuran	7.836	42	106560	77.103	ug/l	98
30) Chloroform	7.965	83	97855	16.493	ug/l	100
31) Cyclohexane	8.253	56	88614	16.119	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	84623	16.917	ug/l	96
36) 1,1-Dichloropropene	8.371	75	69750	17.202	ug/l	98
37) Ethyl Acetate	7.559	43	62676	15.302	ug/l	96
38) Carbon Tetrachloride	8.359	117	71711	17.950	ug/l	97
39) Methylcyclohexane	9.594	83	78847	17.967	ug/l	97
40) Benzene	8.606	78	229606	17.359	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	36558	16.531	ug/l		97
42) 1,2-Dichloroethane	8.671	62	68120	16.531	ug/l		96
43) Isopropyl Acetate	8.683	43	113604	13.836	ug/l		95
44) Trichloroethene	9.347	130	59395	18.617	ug/l		96
45) 1,2-Dichloropropane	9.618	63	55121	17.542	ug/l		97
46) Dibromomethane	9.706	93	37325	17.604	ug/l		97
47) Bromodichloromethane	9.882	83	75750	17.340	ug/l		96
48) Methyl methacrylate	9.677	41	50294	15.807	ug/l		95
49) 1,4-Dioxane	9.694	88	22995	341.312	ug/l		95
51) 4-Methyl-2-Pentanone	10.441	43	324343	78.331	ug/l		96
52) Toluene	10.624	92	147265	17.913	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	83723	18.101	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	91544	18.131	ug/l		93
55) 1,1,2-Trichloroethane	11.012	97	53243	17.362	ug/l		94
56) Ethyl methacrylate	10.871	69	86078	17.482	ug/l		94
57) 1,3-Dichloropropane	11.159	76	92068	17.427	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	196547	89.316	ug/l		99
59) 2-Hexanone	11.188	43	237918	78.683	ug/l		97
60) Dibromochloromethane	11.353	129	60632	18.866	ug/l		96
61) 1,2-Dibromoethane	11.465	107	53362	17.316	ug/l		99
64) Tetrachloroethene	11.100	164	61120	19.442	ug/l		97
65) Chlorobenzene	11.888	112	163642	18.185	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	54014	18.593	ug/l		99
67) Ethyl Benzene	11.959	91	275701	17.887	ug/l		99
68) m/p-Xylenes	12.065	106	215067	36.838	ug/l		98
69) o-Xylene	12.394	106	107201	18.470	ug/l		100
70) Styrene	12.406	104	175564	18.475	ug/l		99
71) Bromoform	12.576	173	38996	18.875	ug/l	#	98
73) Isopropylbenzene	12.694	105	254073	17.268	ug/l		99
74) N-amyl acetate	12.488	43	92062	14.976	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.935	83	72445	16.027	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	84237m	19.552	ug/l		
77) Bromobenzene	12.976	156	63637	17.194	ug/l		95
78) n-propylbenzene	13.029	91	294657	17.450	ug/l		100
79) 2-Chlorotoluene	13.123	91	189629	17.272	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	208067	17.651	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	30441	17.831	ug/l		98
82) 4-Chlorotoluene	13.218	91	187036	17.195	ug/l		99
83) tert-Butylbenzene	13.435	119	182777	17.779	ug/l		98
84) 1,2,4-Trimethylbenzene	13.476	105	209275	17.828	ug/l		99
85) sec-Butylbenzene	13.612	105	246301	17.868	ug/l		99
86) p-Isopropyltoluene	13.723	119	205626	18.199	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	113806	17.757	ug/l		100
88) 1,4-Dichlorobenzene	13.806	146	115509	18.190	ug/l		100
89) n-Butylbenzene	14.053	91	167660	17.899	ug/l		100
90) Hexachloroethane	14.329	117	33567	17.905	ug/l		96
91) 1,2-Dichlorobenzene	14.100	146	109382	17.943	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12026	16.060	ug/l		93
93) 1,2,4-Trichlorobenzene	15.388	180	46181	17.947	ug/l		98
94) Hexachlorobutadiene	15.500	225	20713	19.402	ug/l		97
95) Naphthalene	15.635	128	147623	16.523	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	44919	17.826	ug/l		100

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

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

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