Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
Data File : VN086902.D
Acq On : 09 Jun 2025 14:04
Operator : JC\MD
Sample : VN0609WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0609WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

Quant Time: Jun 10 03:32:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	261604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	462540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	392287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	155677	44.446	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 88.900%			
35) Dibromofluoromethane	8.177	113	138371	50.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.960%			
50) Toluene-d8	10.565	98	523398	48.233	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.460%			
62) 4-Bromofluorobenzene	12.847	95	192426	47.729	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	49965	19.156	ug/l	97
3) Chloromethane	2.401	50	52285	15.523	ug/l	97
4) Vinyl Chloride	2.554	62	63164	18.179	ug/l	98
5) Bromomethane	3.001	94	33037	16.991	ug/l	97
6) Chloroethane	3.159	64	40895	18.222	ug/l	96
7) Trichlorofluoromethane	3.536	101	86708	19.101	ug/l	94
8) Diethyl Ether	3.983	74	39083	19.760	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.406	101	51965	18.220	ug/l	97
10) Methyl Iodide	4.618	142	46201	12.496	ug/l	99
11) Tert butyl alcohol	5.536	59	79160	83.292	ug/l	100
12) 1,1-Dichloroethene	4.365	96	56740	19.487	ug/l	93
13) Acrolein	4.206	56	25830	85.862	ug/l	96
14) Allyl chloride	5.048	41	79237	16.409	ug/l	95
15) Acrylonitrile	5.736	53	194819	87.701	ug/l	100
16) Acetone	4.448	43	142818	76.889	ug/l	98
17) Carbon Disulfide	4.742	76	140783	17.480	ug/l	98
18) Methyl Acetate	5.048	43	91360	16.878	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	202158	19.175	ug/l	99
20) Methylene Chloride	5.300	84	62323	17.922	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	60645	18.720	ug/l	92
22) Diisopropyl ether	6.683	45	179323	17.617	ug/l	94
23) Vinyl Acetate	6.618	43	758661	88.215	ug/l	97
24) 1,1-Dichloroethane	6.583	63	107933	18.425	ug/l	98
25) 2-Butanone	7.494	43	248457	82.292	ug/l	95
26) 2,2-Dichloropropane	7.500	77	85897	18.851	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	73368	18.937	ug/l	96
28) Bromochloromethane	7.824	49	47379	16.450	ug/l	87
29) Tetrahydrofuran	7.853	42	163380	83.068	ug/l	93
30) Chloroform	7.977	83	107556	18.386	ug/l	99
31) Cyclohexane	8.271	56	90403	15.914	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	92483	18.588	ug/l	93
36) 1,1-Dichloropropene	8.377	75	78110	19.123	ug/l	99
37) Ethyl Acetate	7.571	43	93294	17.942	ug/l	98
38) Carbon Tetrachloride	8.371	117	77600	19.351	ug/l	99
39) Methylcyclohexane	9.606	83	91033	16.268	ug/l	96
40) Benzene	8.612	78	254036	19.020	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.789	41	52205	17.877	ug/l		95
42) 1,2-Dichloroethane	8.677	62	75987	18.757	ug/l		98
43) Isopropyl Acetate	8.694	43	146007	17.495	ug/l		95
44) Trichloroethene	9.359	130	64635	20.408	ug/l		96
45) 1,2-Dichloropropane	9.624	63	60591	18.646	ug/l		100
46) Dibromomethane	9.712	93	43406	20.111	ug/l		96
47) Bromodichloromethane	9.894	83	85075	19.158	ug/l		100
48) Methyl methacrylate	9.682	41	66751	17.378	ug/l		96
49) 1,4-Dioxane	9.700	88	25844	369.843	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.447	43	448816	89.334	ug/l		96
52) Toluene	10.630	92	161571	19.794	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	98270	19.790	ug/l		95
54) cis-1,3-Dichloropropene	10.318	75	104098	19.593	ug/l		95
55) 1,1,2-Trichloroethane	11.018	97	61721	19.651	ug/l		97
56) Ethyl methacrylate	10.882	69	100979	20.185	ug/l		93
57) 1,3-Dichloropropane	11.165	76	105036	19.278	ug/l		97
58) 2-Chloroethyl Vinyl ether	10.159	63	239383	80.228	ug/l		96
59) 2-Hexanone	11.206	43	279871	86.483	ug/l		91
60) Dibromochloromethane	11.359	129	66878	20.437	ug/l		99
61) 1,2-Dibromoethane	11.471	107	64475	20.028	ug/l		99
64) Tetrachloroethene	11.106	164	47676	19.204	ug/l		96
65) Chlorobenzene	11.894	112	175411	20.274	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	58317	20.968	ug/l		97
67) Ethyl Benzene	11.965	91	290096	19.466	ug/l		99
68) m/p-Xylenes	12.071	106	226281	39.665	ug/l		98
69) o-Xylene	12.394	106	109915	20.117	ug/l		97
70) Styrene	12.412	104	187888	20.096	ug/l		99
71) Bromoform	12.576	173	44372	21.533	ug/l	#	100
73) Isopropylbenzene	12.694	105	266966	20.030	ug/l		99
74) N-amyl acetate	12.524	43	86229	18.514	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	96951	21.472	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	94554m	21.742	ug/l		
77) Bromobenzene	12.982	156	67800	22.181	ug/l		93
78) n-propylbenzene	13.035	91	314811	19.436	ug/l		99
79) 2-Chlorotoluene	13.123	91	189034	19.460	ug/l		96
80) 1,3,5-Trimethylbenzene	13.171	105	220034	19.996	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	41191	21.803	ug/l		92
82) 4-Chlorotoluene	13.218	91	196983	20.042	ug/l		99
83) tert-Butylbenzene	13.435	119	192556	19.116	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	220449	19.978	ug/l		99
85) sec-Butylbenzene	13.612	105	274677	18.777	ug/l		98
86) p-Isopropyltoluene	13.729	119	231742	19.165	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	124137	20.642	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	126650	20.656	ug/l		100
89) n-Butylbenzene	14.053	91	207489	17.715	ug/l		98
90) Hexachloroethane	14.329	117	39127	19.090	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	121942	21.105	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21661	20.059	ug/l		92
93) 1,2,4-Trichlorobenzene	15.388	180	70202	19.028	ug/l		100
94) Hexachlorobutadiene	15.500	225	24178	17.589	ug/l		96
95) Naphthalene	15.635	128	379545	27.638	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	65394	17.840	ug/l		99

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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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