Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
Data File : VV038873.D
Acq On : 07 Jul 2025 16:30
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL03

Quant Time: Jul 08 02:44:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 08 02:37:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.603	168	419104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	733529	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	689175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	329029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	274071	58.349	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 116.700%			
35) Dibromofluoromethane	4.506	113	245683	52.877	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 105.760%			
50) Toluene-d8	7.239	98	705143	46.907	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 93.820%			
62) 4-Bromofluorobenzene	10.001	95	291563	48.006	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 96.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	2285	0.574	ug/l	77
3) Chloromethane	1.230	50	3606	0.739	ug/l	89
4) Vinyl Chloride	1.297	62	2518	0.555	ug/l #	78
5) Bromomethane	1.497	94	2805	1.013	ug/l	96
6) Chloroethane	1.564	64	1681	0.552	ug/l	92
7) Trichlorofluoromethane	1.728	101	4273	0.532	ug/l	92
8) Diethyl Ether	1.924	74	1431	0.512	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.082	101	2183	0.481	ug/l #	79
10) Methyl Iodide	2.195	142	2783	0.483	ug/l #	95
11) Tert butyl alcohol	2.596	59	1769m	2.885	ug/l	
12) 1,1-Dichloroethene	2.085	96	1933	0.448	ug/l #	83
13) Acrolein	2.011	56	467m	3.050	ug/l	
14) Allyl chloride	2.368	41	3019	0.520	ug/l #	77
15) Acrylonitrile	2.722	53	5570m	2.597	ug/l	
16) Acetone	2.127	43	4611	2.946	ug/l	91
17) Carbon Disulfide	2.252	76	5995	0.600	ug/l	97
18) Methyl Acetate	2.423	43	2773m	0.520	ug/l	
19) Methyl tert-butyl Ether	2.722	73	6125	0.459	ug/l	99
20) Methylene Chloride	2.461	84	5297	1.024	ug/l #	86
21) trans-1,2-Dichloroethene	2.715	96	2469	0.572	ug/l #	93
22) Diisopropyl ether	3.220	45	5149m	0.433	ug/l	
23) Vinyl Acetate	3.249	43	14093m	1.642	ug/l	
24) 1,1-Dichloroethane	3.137	63	4617m	0.576	ug/l	
26) 2,2-Dichloropropane	3.818	77	3950	0.531	ug/l	98
27) cis-1,2-Dichloroethene	3.860	96	2688m	0.534	ug/l	
28) Bromochloromethane	4.172	49	2415m	0.704	ug/l	
29) Tetrahydrofuran	4.291	42	4779m	3.048	ug/l	
30) Chloroform	4.304	83	4431m	0.507	ug/l	
31) Cyclohexane	4.593	56	11198	1.763	ug/l #	36
32) 1,1,1-Trichloroethane	4.510	97	4992m	0.615	ug/l	
36) 1,1-Dichloropropene	4.780	75	3832m	0.680	ug/l	
38) Carbon Tetrachloride	4.747	117	4893m	0.659	ug/l	
39) Methylcyclohexane	6.056	83	4000m	0.543	ug/l	
40) Benzene	5.040	78	7980	0.429	ug/l	94
42) 1,2-Dichloroethane	5.075	62	3447	0.523	ug/l	81
44) Trichloroethene	5.866	130	2698m	0.555	ug/l	

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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,2-Dichloropropane	6.117	63	3064m	0.655	ug/l		
46) Dibromomethane	6.252	93	1813m	0.492	ug/l		
47) Bromodichloromethane	6.452	83	3845	0.492	ug/l	#	87
51) 4-Methyl-2-Pentanone	7.169	43	8658	1.495	ug/l		95
52) Toluene	7.333	92	5394	0.464	ug/l		96
53) t-1,3-Dichloropropene	7.619	75	3189m	0.427	ug/l		
54) cis-1,3-Dichloropropene	6.982	75	3110m	0.407	ug/l		
55) 1,1,2-Trichloroethane	7.779	97	2363	0.465	ug/l		92
56) Ethyl methacrylate	7.783	69	1646m	0.246	ug/l		
57) 1,3-Dichloropropane	7.960	76	4407m	0.550	ug/l		
58) 2-Chloroethyl Vinyl ether	6.866	63	4901	1.613	ug/l	#	58
59) 2-Hexanone	8.130	43	5213m	1.276	ug/l		
60) Dibromochloromethane	8.178	129	3431	0.536	ug/l		79
61) 1,2-Dibromoethane	8.304	107	2033	0.386	ug/l		93
64) Tetrachloroethene	7.911	164	2189	0.494	ug/l	#	87
65) Chlorobenzene	8.812	112	6816	0.469	ug/l		99
66) 1,1,1,2-Tetrachloroethane	8.908	131	2815	0.519	ug/l	#	66
67) Ethyl Benzene	8.956	91	9411	0.414	ug/l		98
68) m/p-Xylenes	9.078	106	6693	0.768	ug/l		90
69) o-Xylene	9.487	106	3610	0.434	ug/l		95
70) Styrene	9.519	104	4060	0.279	ug/l	#	68
71) Bromoform	9.664	173	2414	0.548	ug/l	#	93
73) Isopropylbenzene	9.863	105	7965	0.412	ug/l		94
75) 1,1,2,2-Tetrachloroethane	10.178	83	3413	0.488	ug/l		83
76) 1,2,3-Trichloropropane	10.217	75	3070m	0.603	ug/l		
77) Bromobenzene	10.165	156	2789m	0.560	ug/l		
78) n-propylbenzene	10.294	91	11590	0.504	ug/l		93
79) 2-Chlorotoluene	10.365	91	6289	0.451	ug/l		97
80) 1,3,5-Trimethylbenzene	10.474	105	7013	0.425	ug/l		91
81) trans-1,4-Dichloro-2-b...	9.940	75	981m	0.410	ug/l		
82) 4-Chlorotoluene	10.484	91	5856	0.364	ug/l		95
83) tert-Butylbenzene	10.792	119	7722	0.451	ug/l		98
84) 1,2,4-Trimethylbenzene	10.853	105	6268	0.387	ug/l		98
85) sec-Butylbenzene	11.017	105	9219	0.423	ug/l		93
86) p-Isopropyltoluene	11.175	119	8166	0.437	ug/l		85
87) 1,3-Dichlorobenzene	11.123	146	4913	0.485	ug/l		89
88) 1,4-Dichlorobenzene	11.194	146	6514m	0.610	ug/l		
89) n-Butylbenzene	11.593	91	7120	0.411	ug/l		92
90) Hexachloroethane	11.824	117	2229	0.549	ug/l		87
91) 1,2-Dichlorobenzene	11.583	146	4924	0.516	ug/l		92
92) 1,2-Dibromo-3-Chloropr...	12.374	75	969m	0.654	ug/l		
93) 1,2,4-Trichlorobenzene	13.201	180	2453	0.396	ug/l		84
94) Hexachlorobutadiene	13.371	225	1671	0.560	ug/l		95
95) Naphthalene	13.445	128	7035	0.357	ug/l	#	93
96) 1,2,3-Trichlorobenzene	13.676	180	2792	0.437	ug/l		96

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

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