Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092625\
Data File : VU063648.D
Acq On : 25 Sep 2025 17:56
Operator : MD/SY
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Quant Time: Sep 26 06:39:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092625W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:28:53 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.361	168	128063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.235	114	223754	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	217470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	110038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	29416	19.060	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 38.120%#			
35) Dibromofluoromethane	5.277	113	24658	20.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 40.700%#			
50) Toluene-d8	7.888	98	74734	19.057	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 38.120%#			
62) 4-Bromofluorobenzene	10.624	95	34536	19.639	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 39.280%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	24779	20.784	ug/l	99
3) Chloromethane	1.515	50	30742	19.665	ug/l	97
4) Vinyl Chloride	1.595	62	36777	20.656	ug/l	99
5) Bromomethane	1.830	94	25351	19.467	ug/l	98
6) Chloroethane	1.914	64	24348	20.139	ug/l	97
7) Trichlorofluoromethane	2.123	101	52887	20.206	ug/l	95
8) Diethyl Ether	2.367	74	20167	19.659	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.563	101	29957	20.996	ug/l	100
10) Methyl Iodide	2.705	142	35044	19.813	ug/l	99
11) Tert butyl alcohol	3.177	59	43103	98.373	ug/l	97
12) 1,1-Dichloroethene	2.563	96	29992	21.262	ug/l	98
13) Acrolein	2.477	56	7698	119.284	ug/l	94
14) Allyl chloride	2.907	41	41201	19.708	ug/l	100
15) Acrylonitrile	3.300	53	102769	102.971	ug/l	98
16) Acetone	2.615	43	112343	114.916	ug/l	98
17) Carbon Disulfide	2.776	76	56189	19.486	ug/l	99
18) Methyl Acetate	2.939	43	45698	19.536	ug/l	99
19) Methyl tert-butyl Ether	3.351	73	85007	19.529	ug/l	100
20) Methylene Chloride	3.030	84	32858	20.447	ug/l	97
21) trans-1,2-Dichloroethene	3.338	96	28374	20.462	ug/l	98
22) Diisopropyl ether	3.981	45	85666	19.913	ug/l	90
23) Vinyl Acetate	3.943	43	308441	98.263	ug/l	98
24) 1,1-Dichloroethane	3.853	63	53827	19.933	ug/l	99
25) 2-Butanone	4.695	43	128957	102.170	ug/l	98
26) 2,2-Dichloropropane	4.647	77	33343	19.311	ug/l	99
27) cis-1,2-Dichloroethene	4.653	96	34281	19.846	ug/l	98
28) Bromochloromethane	4.955	49	26097	22.318	ug/l	94
29) Tetrahydrofuran	5.039	42	88507	102.111	ug/l	98
30) Chloroform	5.074	83	57552	19.948	ug/l	97
31) Cyclohexane	5.370	56	48645	19.868	ug/l	94
32) 1,1,1-Trichloroethane	5.300	97	44434	19.661	ug/l	98
36) 1,1-Dichloropropene	5.515	75	37342	19.648	ug/l	98
37) Ethyl Acetate	4.801	43	41487	15.970	ug/l #	94
38) Carbon Tetrachloride	5.505	117	33749	18.820	ug/l	98
39) Methylcyclohexane	6.750	83	46955	19.649	ug/l	96
40) Benzene	5.763	78	125485	20.343	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.965	41	22534	20.077	ug/l		96
42) 1,2-Dichloroethane	5.782	62	44473	19.729	ug/l		99
43) Isopropyl Acetate	5.901	43	63544	19.718	ug/l		99
44) Trichloroethene	6.531	130	31338	19.579	ug/l		96
45) 1,2-Dichloropropane	6.775	63	31040	20.023	ug/l		99
46) Dibromomethane	6.907	93	24028	19.975	ug/l		96
47) Bromodichloromethane	7.094	83	37568	19.058	ug/l		99
48) Methyl methacrylate	6.952	41	30712	17.821	ug/l		96
49) 1,4-Dioxane	6.955	88	18055	397.763	ug/l		97
51) 4-Methyl-2-Pentanone	7.779	43	250685	98.479	ug/l		98
52) Toluene	7.959	92	73337	19.573	ug/l		96
53) t-1,3-Dichloropropene	8.200	75	27532	17.515	ug/l		98
54) cis-1,3-Dichloropropene	7.598	75	34103	18.289	ug/l		97
55) 1,1,2-Trichloroethane	8.389	97	30510	19.786	ug/l		98
56) Ethyl methacrylate	8.325	69	41189	19.104	ug/l		99
57) 1,3-Dichloropropane	8.563	76	51077	19.618	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.460	63	5099	101.312	ug/l		96
59) 2-Hexanone	8.672	43	180227	96.540	ug/l		98
60) Dibromochloromethane	8.798	129	25351	18.044	ug/l		96
61) 1,2-Dibromoethane	8.914	107	31395	20.246	ug/l		97
64) Tetrachloroethene	8.541	164	30737	19.151	ug/l		98
65) Chlorobenzene	9.438	112	86653	19.395	ug/l		96
66) 1,1,1,2-Tetrachloroethane	9.524	131	24413	18.939	ug/l		98
67) Ethyl Benzene	9.563	91	143699	19.157	ug/l		98
68) m/p-Xylenes	9.685	106	106200	37.930	ug/l		99
69) o-Xylene	10.090	106	51780	19.100	ug/l		98
70) Styrene	10.110	104	84703	19.264	ug/l		99
71) Bromoform	10.280	173	16540	17.727	ug/l	#	99
73) Isopropylbenzene	10.473	105	137789	19.715	ug/l		98
74) N-amyl acetate	10.312	43	46832	19.280	ug/l		96
75) 1,1,2,2-Tetrachloroethane	10.772	83	50736	19.655	ug/l		100
76) 1,2,3-Trichloropropane	10.814	75	51607	19.376	ug/l	#	100
77) Bromobenzene	10.775	156	34623	19.445	ug/l		99
78) n-propylbenzene	10.897	91	159824	19.359	ug/l		99
79) 2-Chlorotoluene	10.978	91	100608	19.145	ug/l		99
80) 1,3,5-Trimethylbenzene	11.077	105	116319	19.707	ug/l		98
81) trans-1,4-Dichloro-2-b...	10.534	75	6811	16.197	ug/l		86
82) 4-Chlorotoluene	11.090	91	113865	19.727	ug/l		99
83) tert-Butylbenzene	11.412	119	108844	19.172	ug/l		99
84) 1,2,4-Trimethylbenzene	11.460	105	112037	19.279	ug/l		99
85) sec-Butylbenzene	11.634	105	145685	19.656	ug/l		99
86) p-Isopropyltoluene	11.785	119	116206	19.075	ug/l		99
87) 1,3-Dichlorobenzene	11.740	146	63716	19.217	ug/l		98
88) 1,4-Dichlorobenzene	11.827	146	65543	18.839	ug/l		98
89) n-Butylbenzene	12.200	91	104535	19.253	ug/l		97
90) Hexachloroethane	12.463	117	13853	18.615	ug/l		97
91) 1,2-Dichlorobenzene	12.206	146	63071	19.466	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.991	75	9181	19.184	ug/l		97
93) 1,2,4-Trichlorobenzene	13.833	180	34375	18.524	ug/l		98
94) Hexachlorobutadiene	14.013	225	17020	18.212	ug/l		98
95) Naphthalene	14.084	128	93364	18.147	ug/l		99
96) 1,2,3-Trichlorobenzene	14.322	180	33073	17.774	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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