Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
Data File : VT019152.D
Acq On : 3 Oct 2025 18:03
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VIBLK

Quant Time: Oct 04 01:50:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T100325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 04 01:46:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.542	168	294879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.541	114	461354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.719	117	367058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.928	152	192499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	209618	54.494	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.980%			
35) Dibromofluoromethane	7.459	113	147880	60.243	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.480%			
50) Toluene-d8	10.221	98	472601	75.117	ug/l	0.00
Spiked Amount 50.000			Recovery = 150.240%			
62) 4-Bromofluorobenzene	12.853	95	180082	54.676	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.860	85	834	0.430	ug/l	87
4) Vinyl Chloride	2.177	62	899	0.316	ug/l #	43
5) Bromomethane	2.536	94	1109	1.157	ug/l	98
6) Chloroethane	2.653	64	390	0.905	ug/l #	41
7) Trichlorofluoromethane	2.959	101	1599	0.433	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.652	101	1327	0.556	ug/l #	79
10) Methyl Iodide	3.840	142	968	0.253	ug/l #	55
11) Tert butyl alcohol	4.622	59	1726	1.139	ug/l #	73
12) 1,1-Dichloroethene	3.634	96	1327	0.471	ug/l	91
13) Acrolein	3.505	56	305	1.023	ug/l #	80
14) Allyl chloride	4.181	41	2509	0.287	ug/l #	85
15) Acrylonitrile	4.804	53	5605	1.578	ug/l	97
16) Acetone	3.711	43	8453	2.022	ug/l	92
17) Carbon Disulfide	3.934	76	13139	1.779	ug/l	97
18) Methyl Acetate	4.193	43	2685	0.280	ug/l #	76
21) trans-1,2-Dichloroethene	4.862	96	2983	0.863	ug/l	97
23) Vinyl Acetate	5.703	43	6140	0.427	ug/l #	74
25) 2-Butanone	6.666	43	6873	1.266	ug/l	98
26) 2,2-Dichloropropane	6.649	77	1423	0.247	ug/l #	55
27) cis-1,2-Dichloroethene	6.649	96	2026	0.437	ug/l	88
28) Bromochloromethane	7.036	49	1170	0.583	ug/l #	96
29) Tetrahydrofuran	7.072	42	3674	1.076	ug/l #	88
30) Chloroform	7.230	83	1567	0.210	ug/l #	81
31) Cyclohexane	7.536	56	9507	1.923	ug/l #	37
32) 1,1,1-Trichloroethane	7.430	97	1103	0.208	ug/l #	52
36) 1,1-Dichloropropene	7.671	75	3511	0.940	ug/l #	84
37) Ethyl Acetate	6.766	43	2041	0.233	ug/l #	71
38) Carbon Tetrachloride	7.542	117	30185	10.825	ug/l #	17
39) Methylcyclohexane	9.075	83	2293	0.695	ug/l #	83
40) Benzene	7.935	78	3840	0.283	ug/l	91
41) Methacrylonitrile	7.007	41	1318	0.324	ug/l #	55
42) 1,2-Dichloroethane	8.035	62	1681	0.301	ug/l #	77
44) Trichloroethene	8.817	130	2352	0.854	ug/l	81
46) Dibromomethane	9.222	93	909	0.402	ug/l	92
47) Bromodichloromethane	9.451	83	896	0.208	ug/l #	82
49) 1,4-Dioxane	9.246	88	837	8.173	ug/l #	78

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) 4-Methyl-2-Pentanone	10.103	43	11916	1.666	ug/l		94
52) Toluene	10.291	92	3224	0.421	ug/l		100
53) t-1,3-Dichloropropene	10.550	75	2429	0.502	ug/l	#	88
54) cis-1,3-Dichloropropene	9.933	75	1955	0.378	ug/l		97
57) 1,3-Dichloropropane	10.920	76	1216	0.218	ug/l	#	87
58) 2-Chloroethyl Vinyl ether	9.780	63	1898	0.847	ug/l	#	89
59) 2-Hexanone	10.973	43	15135	2.769	ug/l		96
60) Dibromochloromethane	11.138	129	564	0.206	ug/l		92
61) 1,2-Dibromoethane	11.267	107	883	0.290	ug/l		99
64) Tetrachloroethene	10.832	164	1632	0.800	ug/l		93
65) Chlorobenzene	11.749	112	4798	0.598	ug/l		96
67) Ethyl Benzene	11.837	91	7653	0.583	ug/l		98
68) m/p-Xylenes	11.966	106	5820	1.141	ug/l		88
69) o-Xylene	12.336	106	2429	0.465	ug/l		93
70) Styrene	12.354	104	5209	0.578	ug/l		95
71) Bromoform	12.530	173	402	2.626	ug/l	#	29
73) Isopropylbenzene	12.677	105	6718	0.546	ug/l		99
74) N-amyl acetate	12.465	43	3149	0.399	ug/l	#	95
75) 1,1,2,2-Tetrachloroethane	12.971	83	1233	0.260	ug/l	#	95
76) 1,2,3-Trichloropropane	12.853	75	99241	23.290	ug/l	#	100
77) Bromobenzene	12.994	156	2396	0.680	ug/l		88
78) n-propylbenzene	13.065	91	12223	0.858	ug/l		96
79) 2-Chlorotoluene	13.159	91	6855	0.724	ug/l		92
80) 1,3,5-Trimethylbenzene	13.223	105	6966	0.656	ug/l		96
82) 4-Chlorotoluene	13.270	91	9746	0.978	ug/l		99
83) tert-Butylbenzene	13.523	119	6809	0.771	ug/l		91
84) 1,2,4-Trimethylbenzene	13.576	105	8277	0.743	ug/l		93
85) sec-Butylbenzene	13.729	105	11708	0.989	ug/l		96
86) p-Isopropyltoluene	13.858	119	10290	0.959	ug/l		97
87) 1,3-Dichlorobenzene	13.864	146	7535	1.150	ug/l		94
88) 1,4-Dichlorobenzene	13.864	146	7535	1.107	ug/l		95
89) n-Butylbenzene	14.228	91	15717	1.767	ug/l		98
90) Hexachloroethane	14.534	117	522	4.210	ug/l		70
91) 1,2-Dichlorobenzene	14.287	146	5667	0.913	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.974	75	757	0.766	ug/l		85
93) 1,2,4-Trichlorobenzene	15.773	180	10022	2.486	ug/l		99
94) Hexachlorobutadiene	15.891	225	3750	4.425	ug/l		93
95) Naphthalene	16.061	128	61118	4.226	ug/l		100
96) 1,2,3-Trichlorobenzene	16.296	180	10916	2.701	ug/l		98

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

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