Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048204.D
Acq On : 17 Oct 2025 10:57
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Oct 18 00:10:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	80663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	169165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	83522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	70120	56.113	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.220%			
35) Dibromofluoromethane	5.379	113	57791	49.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.440%			
50) Toluene-d8	8.635	98	192615	45.540	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.080%#			
62) 4-Bromofluorobenzene	11.061	95	87462	56.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	307	0.363	ug/l #	44
3) Chloromethane	1.307	50	909	0.886	ug/l	97
4) Vinyl Chloride	1.380	62	438	0.405	ug/l	94
5) Bromomethane	1.624	94	1203	1.674	ug/l	94
6) Chloroethane	1.703	64	183	0.266	ug/l #	45
7) Trichlorofluoromethane	1.898	101	492	0.290	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.337	101	431	0.451	ug/l #	80
10) Methyl Iodide	2.465	142	3320	2.900	ug/l #	83
11) Tert butyl alcohol	2.947	59	288	3.473	ug/l #	72
12) 1,1-Dichloroethene	2.331	96	405	0.433	ug/l #	45
13) Acrolein	2.245	56	588	3.374	ug/l #	76
14) Allyl chloride	2.666	41	628	0.374	ug/l #	67
15) Acrylonitrile	3.075	53	1274	3.207	ug/l	88
16) Acetone	2.380	43	974	2.285	ug/l	91
17) Carbon Disulfide	2.520	76	6131	2.132	ug/l	97
18) Methyl Acetate	2.703	43	539	0.621	ug/l #	81
20) Methylene Chloride	2.788	84	358	0.345	ug/l #	71
21) trans-1,2-Dichloroethene	3.099	96	785	0.812	ug/l	89
23) Vinyl Acetate	3.739	43	2426	0.985	ug/l #	73
24) 1,1-Dichloroethane	3.611	63	464	0.248	ug/l #	82
25) 2-Butanone	4.580	43	677	1.363	ug/l #	50
28) Bromochloromethane	4.897	49	293	0.340	ug/l #	83
29) Tetrahydrofuran	5.007	42	228	0.782	ug/l #	68
31) Cyclohexane	5.452	56	728	0.476	ug/l #	85
36) 1,1-Dichloropropene	5.696	75	502	0.304	ug/l #	64
38) Carbon Tetrachloride	5.659	117	488	0.257	ug/l #	61
39) Methylcyclohexane	7.360	83	1733	0.929	ug/l	84
40) Benzene	6.019	78	1192	0.243	ug/l #	82
42) 1,2-Dichloroethane	6.074	62	578	0.329	ug/l #	76
44) Trichloroethene	7.110	130	462	0.373	ug/l	92
46) Dibromomethane	7.574	93	270	0.302	ug/l #	71
49) 1,4-Dioxane	7.665	88	204	19.953	ug/l #	41
51) 4-Methyl-2-Pentanone	8.561	43	1450	1.174	ug/l	90
52) Toluene	8.708	92	844	0.286	ug/l	92
53) t-1,3-Dichloropropene	8.982	75	616	0.340	ug/l	91
54) cis-1,3-Dichloropropene	8.360	75	456	0.231	ug/l #	1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) 1,1,2-Trichloroethane	9.147	97	296	0.269	ug/l	#	58
57) 1,3-Dichloropropane	9.299	76	409	0.213	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.250	63	543	14.884	ug/l	#	55
59) 2-Hexanone	9.427	43	1019	1.180	ug/l		95
60) Dibromochloromethane	9.506	129	373	0.271	ug/l		92
61) 1,2-Dibromoethane	9.598	107	367	0.325	ug/l		91
64) Tetrachloroethene	9.256	164	1006	0.806	ug/l		87
65) Chlorobenzene	10.067	112	1588	0.408	ug/l	#	85
67) Ethyl Benzene	10.183	91	2357	0.353	ug/l		94
68) m/p-Xylenes	10.287	106	1750	0.704	ug/l		88
69) o-Xylene	10.628	106	722	0.309	ug/l		98
70) Styrene	10.646	104	1576	0.391	ug/l		87
71) Bromoform	10.787	173	350	0.340	ug/l	#	83
73) Isopropylbenzene	10.945	105	2582	0.444	ug/l		98
74) N-amyl acetate	10.835	43	574	0.265	ug/l	#	84
75) 1,1,2,2-Tetrachloroethane	11.195	83	353	0.214	ug/l	#	76
77) Bromobenzene	11.177	156	675	0.464	ug/l		84
78) n-propylbenzene	11.286	91	4917	0.698	ug/l		96
79) 2-Chlorotoluene	11.354	91	2373	0.558	ug/l		87
80) 1,3,5-Trimethylbenzene	11.433	105	3163	0.663	ug/l		94
82) 4-Chlorotoluene	11.439	91	3625	0.725	ug/l		98
83) tert-Butylbenzene	11.695	119	3744	0.777	ug/l		98
84) 1,2,4-Trimethylbenzene	11.738	105	3212	0.676	ug/l		90
85) sec-Butylbenzene	11.872	105	8299	1.409	ug/l		99
86) p-Isopropyltoluene	11.994	119	7671	1.545	ug/l		96
87) 1,3-Dichlorobenzene	11.951	146	2735	1.006	ug/l		100
88) 1,4-Dichlorobenzene	11.951	146	2735	0.971	ug/l		99
89) n-Butylbenzene	12.317	91	12918	2.794	ug/l		97
90) Hexachloroethane	12.518	117	1759	1.679	ug/l		91
91) 1,2-Dichlorobenzene	12.317	146	2156	0.839	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	12.926	75	214	0.712	ug/l		81
93) 1,2,4-Trichlorobenzene	13.573	180	5218	3.441	ug/l		96
94) Hexachlorobutadiene	13.707	225	8817	15.077	ug/l		97
95) Naphthalene	13.756	128	11183	2.798	ug/l		98
96) 1,2,3-Trichlorobenzene	13.945	180	5503	3.933	ug/l		98

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

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