Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
Data File : VV038931.D
Acq On : 08 Aug 2025 12:21
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: Aug 11 05:32:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 11 05:27:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.600	168	408222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	749692	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	679727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	295243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	335260	57.107	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 114.220%			
35) Dibromofluoromethane	4.500	113	289336	50.872	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 101.740%			
50) Toluene-d8	7.236	98	928022	47.113	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 94.220%			
62) 4-Bromofluorobenzene	10.001	95	277180	39.072	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 78.140%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	214	0.078	ug/l #	42
4) Vinyl Chloride	1.294	62	394	0.122	ug/l #	12
5) Bromomethane	1.481	94	237	0.094	ug/l #	5
6) Chloroethane	1.568	64	42	0.018	ug/l #	44
7) Trichlorofluoromethane	1.725	101	484	0.076	ug/l	99
8) Diethyl Ether	1.979	74	66	0.028	ug/l	63
9) 1,1,2-Trichlorotrifluo...	2.082	101	434	0.107	ug/l #	84
12) 1,1-Dichloroethene	2.092	96	251	0.074	ug/l #	55
14) Allyl chloride	2.349	41	353	0.060	ug/l #	31
19) Methyl tert-butyl Ether	2.716	73	664	0.048	ug/l #	55
22) Diisopropyl ether	3.214	45	274	0.023	ug/l #	62
23) Vinyl Acetate	3.214	43	935	0.105	ug/l #	69
24) 1,1-Dichloroethane	3.114	63	446	0.058	ug/l #	83
25) 2-Butanone	3.880	43	159	0.059	ug/l #	45
26) 2,2-Dichloropropane	3.812	77	21	0.003	ug/l #	54
27) cis-1,2-Dichloroethene	3.834	96	507	0.115	ug/l	46
29) Tetrahydrofuran	4.233	42	108	0.062	ug/l #	29
30) Chloroform	4.285	83	437	0.052	ug/l #	17
32) 1,1,1-Trichloroethane	4.503	97	43	0.006	ug/l #	26
37) Ethyl Acetate	3.976	43	121	0.018	ug/l #	87
39) Methylcyclohexane	6.053	83	489	0.089	ug/l #	59
40) Benzene	5.031	78	818	0.049	ug/l	94
41) Methacrylonitrile	4.111	41	65	0.024	ug/l #	31
42) 1,2-Dichloroethane	5.040	62	440	0.068	ug/l	85
43) Isopropyl Acetate	5.201	43	140	0.015	ug/l #	58
44) Trichloroethene	5.838	130	74	0.017	ug/l	91
45) 1,2-Dichloropropane	6.098	63	106	0.023	ug/l #	43
46) Dibromomethane	6.265	93	417	0.121	ug/l #	62
47) Bromodichloromethane	6.455	83	79	0.010	ug/l #	26
48) Methyl methacrylate	6.291	41	78	0.019	ug/l #	23
51) 4-Methyl-2-Pentanone	7.133	43	228	0.035	ug/l #	33
52) Toluene	7.317	92	683	0.065	ug/l	93
53) t-1,3-Dichloropropene	7.561	75	48	0.007	ug/l #	1
54) cis-1,3-Dichloropropene	6.966	75	45	0.006	ug/l #	39
55) 1,1,2-Trichloroethane	7.789	97	245	0.048	ug/l #	16
57) 1,3-Dichloropropane	7.973	76	139	0.018	ug/l #	1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
58) 2-Chloroethyl Vinyl ether	6.815	63	75	0.025	ug/l	#	45
59) 2-Hexanone	7.966	43	73	0.016	ug/l		64
60) Dibromochloromethane	8.185	129	251	0.040	ug/l	#	45
61) 1,2-Dibromoethane	8.297	107	267	0.052	ug/l		93
64) Tetrachloroethene	7.915	164	580	0.145	ug/l	#	64
65) Chlorobenzene	8.809	112	1473	0.111	ug/l	#	87
67) Ethyl Benzene	8.963	91	1114	0.057	ug/l		97
68) m/p-Xylenes	9.088	106	736	0.098	ug/l	#	50
69) o-Xylene	9.487	106	136	0.019	ug/l		84
70) Styrene	9.548	104	425	0.033	ug/l	#	52
71) Bromoform	9.680	173	448	0.102	ug/l	#	65
73) Isopropylbenzene	9.866	105	1097	0.071	ug/l		85
74) N-amyl acetate	9.709	43	19	0.004	ug/l	#	39
75) 1,1,2,2-Tetrachloroethane	10.185	83	260	0.039	ug/l	#	66
77) Bromobenzene	10.159	156	414	0.100	ug/l	#	65
78) n-propylbenzene	10.503	91	2046	0.113	ug/l		92
79) 2-Chlorotoluene	10.580	91	121	0.011	ug/l		98
80) 1,3,5-Trimethylbenzene	10.477	105	1272	0.098	ug/l	#	50
82) 4-Chlorotoluene	10.503	91	2046	0.157	ug/l		75
83) tert-Butylbenzene	10.792	119	1387	0.100	ug/l	#	93
84) 1,2,4-Trimethylbenzene	10.860	105	557	0.043	ug/l	#	53
85) sec-Butylbenzene	11.017	105	2087	0.119	ug/l		100
86) p-Isopropyltoluene	11.172	119	2704	0.177	ug/l	#	46
90) Hexachloroethane	11.821	117	188	0.052	ug/l	#	49
91) 1,2-Dichlorobenzene	11.580	146	606	0.074	ug/l	#	31
92) 1,2-Dibromo-3-Chloropr...	12.361	75	22	0.015	ug/l	#	2

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

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