Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
Data File : VX046926.D
Acq On : 09 Jul 2025 12:48
Operator : JC/MD
Sample : Q2126-07 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Manual Integrations APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

Quant Time: Jul 10 03:49:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 10 03:24:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	342369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	573824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	521324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	268987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	242702	53.659	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.320%			
35) Dibromofluoromethane	5.391	113	204090	52.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.800%			
50) Toluene-d8	8.647	98	699646	50.910	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	276510	52.940	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.880%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	872	0.244	ug/l	90
5) Bromomethane	1.630	94	1025	0.409	ug/l	84
6) Chloroethane	1.703	64	720	0.280	ug/l #	78
8) Diethyl Ether	2.148	74	508	0.237	ug/l	92
10) Methyl Iodide	2.471	142	1524m	0.364	ug/l	
13) Acrolein	2.239	56	303	3.749	ug/l #	64
14) Allyl chloride	2.678	41	1331	0.201	ug/l	96
15) Acrylonitrile	3.099	53	1329m	0.775	ug/l	
16) Acetone	2.392	43	1659	1.181	ug/l #	71
17) Carbon Disulfide	2.526	76	2653	0.272	ug/l #	94
20) Methylene Chloride	2.800	84	14186	3.415	ug/l	94
21) trans-1,2-Dichloroethene	3.111	96	792	0.208	ug/l #	56
23) Vinyl Acetate	3.764	43	8325m	0.870	ug/l	
29) Tetrahydrofuran	5.056	42	1146m	0.959	ug/l	
36) 1,1-Dichloropropene	5.708	75	1479m	0.281	ug/l	
38) Carbon Tetrachloride	5.684	117	1587m	0.286	ug/l	
39) Methylcyclohexane	7.391	83	1366	0.208	ug/l #	74
42) 1,2-Dichloroethane	6.105	62	1569	0.291	ug/l #	74
44) Trichloroethene	7.129	130	862	0.208	ug/l	49
46) Dibromomethane	7.598	93	571	0.205	ug/l	92
47) Bromodichloromethane	7.842	83	1193	0.201	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	3195	0.790	ug/l	88
55) 1,1,2-Trichloroethane	9.165	97	827	0.225	ug/l #	59
58) 2-Chloroethyl Vinyl ether	8.293	63	2213m	0.773	ug/l	
59) 2-Hexanone	9.482	43	2061m	0.768	ug/l	
60) Dibromochloromethane	9.519	129	972	0.221	ug/l	79
64) Tetrachloroethene	9.269	164	828	0.239	ug/l #	65
65) Chlorobenzene	10.080	112	2301	0.204	ug/l	95
68) m/p-Xylenes	10.311	106	2624	0.361	ug/l	97
71) Bromoform	10.805	173	683	0.242	ug/l #	90
77) Bromobenzene	11.195	156	965	0.205	ug/l	96
79) 2-Chlorotoluene	11.360	91	3311	0.246	ug/l	79
82) 4-Chlorotoluene	11.457	91	3160	0.203	ug/l	94
86) p-Isopropyltoluene	12.012	119	3522	0.210	ug/l #	84
87) 1,3-Dichlorobenzene	11.969	146	2207	0.251	ug/l	86
88) 1,4-Dichlorobenzene	12.036	146	2616m	0.285	ug/l	

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89)	n-Butylbenzene	12.335	91	3318	0.211	ug/l	88
91)	1,2-Dichlorobenzene	12.341	146	1734	0.203	ug/l	92
93)	1,2,4-Trichlorobenzene	13.597	180	1493	0.257	ug/l	89
94)	Hexachlorobutadiene	13.725	225	831	0.380	ug/l	91
96)	1,2,3-Trichlorobenzene	13.969	180	1395	0.255	ug/l	92

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

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