Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047597.D
Acq On : 16 Sep 2025 16:07
Operator : JC/MD
Sample : Q3015-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 17 06:52:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
WP0925-PT-VOA-WP

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/23/2025
Supervised By :Semsettin Yesilyurt 09/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	166705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	308833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	133950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	136237	51.342	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.680%			
35) Dibromofluoromethane	5.373	113	102057	49.274	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.540%			
50) Toluene-d8	8.635	98	354807	49.507	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.020%			
62) 4-Bromofluorobenzene	11.061	95	134055	49.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.580%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	2396	1.056	ug/l	92
4) Vinyl Chloride	1.380	62	157647	70.984	ug/l	100
5) Bromomethane	1.624	94	79172	56.219	ug/l	99
10) Methyl Iodide	2.459	142	17284	5.748	ug/l	97
12) 1,1-Dichloroethene	2.325	96	174530	88.118	ug/l	94
16) Acetone	2.374	43	165914	143.803	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	697735	96.503	ug/l	99
20) Methylene Chloride	2.794	84	182020	74.531	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	188024	88.175	ug/l	98
25) 2-Butanone	4.538	43	229839	159.702	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	319167	122.218	ug/l	90
30) Chloroform	5.080	83	414814	97.504	ug/l	99
40) Benzene	6.025	78	1013580	110.264	ug/l	99
42) 1,2-Dichloroethane	6.074	62	122452	35.011	ug/l	100
44) Trichloroethene	7.111	130	200949	90.421	ug/l	99
46) Dibromomethane	7.568	93	211104	123.246	ug/l	98
47) Bromodichloromethane	7.812	83	60296	17.059	ug/l	97
52) Toluene	8.702	92	200563	35.414	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	223638	62.030	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	382625	99.292	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	225879	103.436	ug/l	99
59) 2-Hexanone	9.415	43	229816	108.592	ug/l	100
60) Dibromochloromethane	9.506	129	173345	68.892	ug/l	99
61) 1,2-Dibromoethane	9.592	107	74115	33.321	ug/l	98
64) Tetrachloroethene	9.256	164	133498	74.017	ug/l	99
65) Chlorobenzene	10.061	112	145444	23.140	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	115065	53.051	ug/l	100
67) Ethyl Benzene	10.177	91	527444	48.634	ug/l	99
68) m/p-Xylenes	10.287	106	446608	110.638	ug/l	99
69) o-Xylene	10.628	106	558297	142.992	ug/l	100
71) Bromoform	10.781	173	28772	17.766	ug/l #	97
73) Isopropylbenzene	10.945	105	2144	0.211	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.195	83	220089	71.432	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	270268	99.654	ug/l	91
85) sec-Butylbenzene	11.872	105	2861	0.281	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	1037m	0.223	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.024	146	533129	111.499	ug/l	99
89) n-Butylbenzene	12.317	91	3435	0.431	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	1756	0.609	ug/l	95
94) Hexachlorobutadiene	13.707	225	1413	1.442	ug/l	99
95) Naphthalene	13.756	128	688992	78.440	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	1578	0.588	ug/l	98

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

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