

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039087.D
 Acq On : 15 Sep 2025 18:12
 Operator : SY/MD
 Sample : Q3084-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-8S(20250909)

Quant Time: Sep 16 02:26:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 02:04:20 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	406065	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	416290	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	228855	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	147193	4.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.545	69	127833	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.072	65	67959	4.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.786	46	253018	53.192	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.380%
24) Chloroform-d	4.256	84	289460	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	4.947	65	128169	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.963	84	543871	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	5.989	67	166142	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.239	98	418705	4.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.555	79	52734	4.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.014	63	181787	45.089	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.180%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	115654	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.548	152	152542	4.141	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
5) Vinyl chloride	1.298	62	332857	7.486	ug/L #	73
12) 1,1-Dichloroethene	2.082	96	42368	1.271	ug/L #	1
17) Methyl tert-butyl Ether	2.712	73	34202	0.597	ug/L #	84
18) trans-1,2-Dichloroethene	2.706	96	210242	6.195	ug/L	94
19) 1,1-Dichloroethane	3.121	63	1079139	17.337	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	5391027	162.758	ug/L	99
27) 1,2-Dichloroethane	5.050	62	84491	2.553	ug/L	97
33) Benzene	5.014	78	339000	2.587	ug/L	100
34) Trichloroethene	5.847	95	19832	0.561	ug/L	88
35) Methylcyclohexane	6.047	83	10849	0.196	ug/L	96
42) Toluene	7.326	91	32695	0.239	ug/L	97
51) Chlorobenzene	8.802	112	2292643	26.010	ug/L	100
52) Ethylbenzene	8.953	91	11242	0.080	ug/L	98
53) m,p-Xylene	9.088	106	3946	0.072	ug/L	80
64) 1,3-Dichlorobenzene	11.104	146	2571208	34.422	ug/L	97
65) 1,4-Dichlorobenzene	11.194	146	14266022	184.619	ug/L	86
67) 1,2-Dichlorobenzene	11.567	146	186829	2.823	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	19899	0.540	ug/L	96

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

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