

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW091525\
 Data File : VW039088.D
 Acq On : 15 Sep 2025 18:34
 Operator : SY/MD
 Sample : Q3084-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-3(20250910)

Quant Time: Sep 16 02:26:59 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	389086	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	389482	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	169827	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	145541	4.743	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.545	69	134557	5.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.073	65	63998	4.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.793	46	221181	48.528	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.060%
24) Chloroform-d	4.253	84	301259	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	4.947	65	129805	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.963	84	535740	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	5.989	67	169710	5.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.240	98	419250	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.555	79	53885	4.625	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.014	63	184850	49.004	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.000%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	115784	5.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.548	152	160217	5.861	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.294	62	79993	1.878	ug/L #	1
12) 1,1-Dichloroethene	2.085	96	10772	0.337	ug/L #	1
16) Methylene chloride	2.458	84	9993	0.278	ug/L	96
18) trans-1,2-Dichloroethene	2.712	96	31309	0.963	ug/L	95
19) 1,1-Dichloroethane	3.118	63	1198138	20.088	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	382172	12.041	ug/L	99
27) 1,2-Dichloroethane	5.047	62	155332	4.899	ug/L	96
30) Cyclohexane	4.581	56	7933	0.167	ug/L #	68
33) Benzene	5.015	78	261896	2.136	ug/L	100
34) Trichloroethene	5.838	95	67958	2.056	ug/L	98
35) Methylcyclohexane	6.050	83	12239	0.237	ug/L	93
42) Toluene	7.330	91	14229	0.111	ug/L	83
47) Tetrachloroethene	7.902	164	28679	1.110	ug/L	97
51) Chlorobenzene	8.805	112	609523	7.391	ug/L	100
52) Ethylbenzene	8.950	91	16402	0.125	ug/L	99
60) Isopropylbenzene	9.863	105	24716	0.218	ug/L #	82
63) 1,2,4-Trimethylbenzene	10.847	105	16873	0.197	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	84929	1.532	ug/L	97
65) 1,4-Dichlorobenzene	11.198	146	142379	2.483	ug/L	95

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67) 1,2-Dichlorobenzene	11.567	146	7305	0.149	ug/L	90
70) 1,2,4-trichlorobenzene	13.191	180	14747	0.539	ug/L #	75

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

