

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091625\
 Data File : VV039116.D
 Acq On : 16 Sep 2025 18:30
 Operator : SY/MD
 Sample : Q3084-20MSD 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 PMW-2(20250911)MSD

Quant Time: Sep 17 02:27:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 17 02:19:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	347869	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	360487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	175899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	107519	3.919	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.545	69	104196	4.382	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.072	65	50642	3.875	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.400%	
20) 2-Butanone-d5	3.793	46	247922	60.840	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.680%	
24) Chloroform-d	4.256	84	268725	5.043	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	4.947	65	118686	5.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
32) Benzene-d6	4.963	84	463007	4.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	5.989	67	141998	4.816	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.400%	
41) Toluene-d8	7.239	98	414522	4.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	7.551	79	52766	4.893	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.800%	
46) 2-Hexanone-d5	8.018	63	191707	54.910	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.820%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	109268	5.191	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.800%	
66) 1,2-Dichlorobenzene-d4	11.548	152	124197	4.387	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	191349	5.246	ug/L	99
3) Chloromethane	1.227	50	195278	5.452	ug/L	98
5) Vinyl chloride	1.294	62	216559	5.685	ug/L	98
6) Bromomethane	1.497	94	117798	5.422	ug/L	97
8) Chloroethane	1.561	64	133364	5.619	ug/L	96
9) Trichlorofluoromethane	1.725	101	290826	5.668	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	173733	5.496	ug/L	98
12) 1,1-Dichloroethene	2.082	96	226318	7.924	ug/L	88
13) Acetone	2.121	43	212231	61.911	ug/L	99
14) Carbon disulfide	2.252	76	535441	5.480	ug/L	98
15) Methyl Acetate	2.391	43	56019	6.508	ug/L	97
16) Methylene chloride	2.458	84	175140	5.448	ug/L	93
17) Methyl tert-butyl Ether	2.712	73	282418	5.751	ug/L	98
18) trans-1,2-Dichloroethene	2.706	96	162447	5.588	ug/L	93
19) 1,1-Dichloroethane	3.117	63	1352627	25.366	ug/L	98
21) 2-Butanone	3.873	43	295716	65.034	ug/L	96
22) cis-1,2-Dichloroethene	3.822	96	266479	9.391	ug/L	94
23) Bromochloromethane	4.153	128	71989	5.546	ug/L	87
25) Chloroform	4.281	83	332401	6.016	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	193688	6.832	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	292686	5.896	ug/L	98
30) Cyclohexane	4.587	56	250258	5.685	ug/L	98
31) Carbon tetrachloride	4.738	117	245361	5.454	ug/L	99
33) Benzene	5.011	78	694894	6.124	ug/L	100
34) Trichloroethene	5.831	95	341095	11.152	ug/L	97
35) Methylcyclohexane	6.050	83	252851	5.283	ug/L	98
37) 1,2-Dichloropropane	6.092	63	179420	6.097	ug/L	98
38) Bromodichloromethane	6.432	83	225697	5.900	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	218943	5.608	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	790880	67.831	ug/L	97
42) Toluene	7.310	91	716393	6.058	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	193270	6.092	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	122733	6.073	ug/L	97
47) Tetrachloroethene	7.899	164	129342	5.410	ug/L	97
48) 2-Hexanone	8.066	43	569612	70.275	ug/L	97
49) Dibromochloromethane	8.169	129	139869	5.913	ug/L	94
50) 1,2-Dibromoethane	8.275	107	111418	6.145	ug/L	94
51) Chlorobenzene	8.805	112	426418	5.587	ug/L	96
52) Ethylbenzene	8.940	91	695011	5.704	ug/L	98
53) m,p-Xylene	9.066	106	266566	5.625	ug/L	94
54) o-Xylene	9.471	106	241295	5.550	ug/L	98
55) Styrene	9.487	104	458879	5.974	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	133141	5.911	ug/L	99
59) Bromoform	9.657	173	64941	5.204	ug/L	99
60) Isopropylbenzene	9.857	105	661642	5.623	ug/L	98
61) 1,2,3-Trichloropropane	10.201	75	90136	6.083	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	471958	5.225	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	483918	5.454	ug/L	98
64) 1,3-Dichlorobenzene	11.107	146	322416	5.616	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	331576	5.583	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	277608	5.457	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	18233	5.648	ug/L	94
69) 1,3,5-Trichlorobenzene	12.570	180	186259	4.951	ug/L	99
70) 1,2,4-trichlorobenzene	13.185	180	147122	5.194	ug/L	98
71) Naphthalene	13.426	128	220026	5.097	ug/L	98
72) 1,2,3-Trichlorobenzene	13.667	180	140821	5.576	ug/L	99

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

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