

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012425\
 Data File : VV038528.D
 Acq On : 24 Jan 2025 11:28
 Operator : SY/MD
 Sample : Q1086-21
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4

Quant Time: Jan 24 20:53:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 20:51:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	242514	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	250860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	116388	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78462	3.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.532	69	66394	3.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.056	65	34156	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.805	46	127061	30.207	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.420%
24) Chloroform-d	4.239	84	143589	3.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
26) 1,2-Dichloroethane-d4	4.934	65	64907	3.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
32) Benzene-d6	4.950	84	275333	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	5.979	67	88639	4.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.236	98	224243	3.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.554	79	27743	3.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.024	63	87577	28.896	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.800%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	62127	3.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	89679	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%

Target Compounds					Qvalue	
5) Vinyl chloride	1.281	62	653914	23.286	ug/L	98
12) 1,1-Dichloroethene	2.066	96	200190	9.955	ug/L #	82
16) Methylene chloride	2.442	84	84741	3.802	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	150433	7.276	ug/L	98
22) cis-1,2-Dichloroethene	3.805	96	61142	2.909	ug/L	94
27) 1,2-Dichloroethane	5.027	62	299569	13.848	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	498208	14.938	ug/L	97
31) Carbon tetrachloride	4.722	117	238535	8.092	ug/L	99
33) Benzene	4.998	78	446229	5.602	ug/L	100
34) Trichloroethene	5.821	95	180629	8.725	ug/L	96
37) 1,2-Dichloropropane	6.082	63	167346	8.135	ug/L	98
42) Toluene	7.304	91	1384736	16.679	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	68004	4.596	ug/L	98
47) Tetrachloroethene	7.895	164	149226	9.313	ug/L	97
51) Chlorobenzene	8.802	112	472854	8.464	ug/L	99
52) Ethylbenzene	8.934	91	1259045	14.098	ug/L	99
53) m,p-Xylene	9.062	106	693069	20.473	ug/L	94
54) o-Xylene	9.468	106	395294	12.254	ug/L	99
55) Styrene	9.487	104	707978	12.587	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.201	146	181488	4.518	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	421716	11.591	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	113399	5.710	ug/L	98

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

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