

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV012425\
 Data File : VV038537.D
 Acq On : 24 Jan 2025 16:55
 Operator : SY/MD
 Sample : Q1086-21DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4DL

Quant Time: Jan 24 20:55:28 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	208895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	214119	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	99504	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67077	3.894	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.532	69	59746	4.130	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.056	65	31139	4.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	3.806	46	134413	37.098	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.200%
24) Chloroform-d	4.236	84	137743	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.934	65	64193	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	4.950	84	251344	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	5.979	67	84622	4.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.236	98	201112	3.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.558	79	28165	4.295	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.024	63	87207	33.711	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.420%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	60892	4.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.551	152	80810	4.798	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%

Target Compounds					Qvalue	
5) Vinyl chloride	1.282	62	317616	13.130	ug/L	97
12) 1,1-Dichloroethene	2.066	96	97212	5.612	ug/L	85
16) Methylene chloride	2.442	84	45084	2.348	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	75219	4.224	ug/L	100
22) cis-1,2-Dichloroethene	3.809	96	31120	1.719	ug/L	97
27) 1,2-Dichloroethane	5.031	62	148591	7.974	ug/L	100
29) 1,1,1-Trichloroethane	4.500	97	240100	8.434	ug/L	98
31) Carbon tetrachloride	4.725	117	111748	4.441	ug/L	100
33) Benzene	5.002	78	217160	3.194	ug/L	100
34) Trichloroethene	5.825	95	87780	4.968	ug/L	95
37) 1,2-Dichloropropane	6.085	63	81145	4.621	ug/L	98
42) Toluene	7.304	91	651707	9.197	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	35119	2.781	ug/L	91
47) Tetrachloroethene	7.895	164	70916	5.185	ug/L	96
51) Chlorobenzene	8.805	112	232892	4.884	ug/L	99
52) Ethylbenzene	8.937	91	580083	7.610	ug/L	99
53) m,p-Xylene	9.066	106	331073	11.458	ug/L	94
54) o-Xylene	9.468	106	185137	6.724	ug/L	98
55) Styrene	9.487	104	327557	6.823	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.201	146	85823	2.499	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	200716	6.453	ug/L	97
70) 1,2,4-trichlorobenzene	13.191	180	53560	3.155	ug/L	97

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

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