

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055113.D
 Acq On : 05 Sep 2023 23:24
 Operator : MD/SY
 Sample : 04230-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B8

Quant Time: Sep 06 05:25:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	187605	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	99139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36866	4.193	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.907	69	43752	4.299	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.560	65	23074	4.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.627	46	143635	56.293	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.580%
24) Chloroform-d	5.062	84	110029	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.701	65	58071	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.724	84	215326	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.688	67	70073	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.897	98	187545	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.184	79	17599	4.292	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.634	63	82785	49.727	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.460%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54084	5.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	70768	4.890	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	1539	0.131	ug/L #	37
12) 1,1-Dichloroethene	2.573	96	7745	0.893	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	4295	0.226	ug/L #	86
22) cis-1,2-Dichloroethene	4.663	96	67190	6.238	ug/L	95
25) Chloroform	5.084	83	8418	0.425	ug/L	94
33) Benzene	5.779	78	6471	0.160	ug/L	100
34) Trichloroethene	6.544	95	5253	0.468	ug/L	87

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

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