

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055102.D
 Acq On : 05 Sep 2023 18:26
 Operator : MD/SY
 Sample : 04250-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C2

Quant Time: Sep 06 02:19:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174225	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	177373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	93041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38145	4.671	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.907	69	46169	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.560	65	23209	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	4.628	46	140258	59.191	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.380%
24) Chloroform-d	5.062	84	108771	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.701	65	59489	5.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.724	84	216730	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.689	67	74231	5.331	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.897	98	190095	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.184	79	18448	4.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.634	63	82910	53.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.500%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52797	5.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	70676	5.204	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3378	0.328	ug/L	96
9) Trichlorofluoromethane	2.132	101	8744	0.553	ug/L	94
12) 1,1-Dichloroethene	2.576	96	12752	1.583	ug/L #	40
17) Methyl tert-butyl Ether	3.364	73	4424	0.209	ug/L #	66
22) cis-1,2-Dichloroethene	4.666	96	5193	0.519	ug/L	99
34) Trichloroethene	6.541	95	29313	2.794	ug/L	98
47) Tetrachloroethene	8.557	164	1420	0.196	ug/L	90

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

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