

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055209.D
 Acq On : 08 Sep 2023 00:56
 Operator : MD/SY
 Sample : 04307-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H1

Quant Time: Sep 08 06:38:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179697	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	180025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	90704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28047	3.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.907	69	38616	3.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.563	65	18582	3.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.627	46	146236	59.834	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.660%
24) Chloroform-d	5.058	84	105583	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.701	65	55853	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.727	84	199913	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.692	67	66253	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.897	98	170411	4.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.180	79	15832	4.068	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.634	63	74950	47.431	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.860%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52340	5.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	60517	4.571	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2424	0.228	ug/L	92
5) Vinyl chloride	1.599	62	6088	0.543	ug/L	96
17) Methyl tert-butyl Ether	3.364	73	4040	0.185	ug/L #	67
18) trans-1,2-Dichloroethene	3.357	96	4576	0.543	ug/L	83
22) cis-1,2-Dichloroethene	4.663	96	606780	58.809	ug/L	99
34) Trichloroethene	6.541	95	278061	26.113	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	4346	0.214	ug/L	91
65) 1,4-Dichlorobenzene	11.836	146	9799	0.484	ug/L	96
67) 1,2-Dichlorobenzene	12.212	146	4191	0.220	ug/L	92
70) 1,2,4-trichlorobenzene	13.839	180	156277	10.861	ug/L	96
72) 1,2,3-Trichlorobenzene	14.331	180	48301	3.868	ug/L	98

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

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