

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055246.D
 Acq On : 12 Sep 2023 14:24
 Operator : MD/SY
 Sample : 04307-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H6

Quant Time: Sep 13 01:46:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 01:44:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194500	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	200337	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	97398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26077	2.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.200%
7) Chloroethane-d5	1.907	69	39980	3.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.563	65	14736	2.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.800%#
20) 2-Butanone-d5	4.621	46	108037	40.840	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.680%
24) Chloroform-d	5.058	84	89909	3.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
26) 1,2-Dichloroethane-d4	5.698	65	48640	4.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
32) Benzene-d6	5.724	84	178786	3.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.689	67	62759	3.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.898	98	150867	3.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	8.180	79	13732	3.170	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.631	63	67534	38.405	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.800%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	43734	3.954	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	55992	3.939	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.357	73	6247	0.265	ug/L	# 95
18) trans-1,2-Dichloroethene	3.351	96	3595	0.394	ug/L	82
19) 1,1-Dichloroethane	3.866	63	7394	0.375	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	34825	3.118	ug/L	98
25) Chloroform	5.084	83	9010	0.439	ug/L	99
31) Carbon tetrachloride	5.525	117	2964	0.206	ug/L	94
34) Trichloroethene	6.541	95	20421	1.723	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	1347	0.172	ug/L	# 66
47) Tetrachloroethene	8.550	164	49867	6.089	ug/L	96

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

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