

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055254.D
 Acq On : 12 Sep 2023 17:41
 Operator : MD/SY
 Sample : 04350-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4J6

Quant Time: Sep 13 01:48:43 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	190005	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	94372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27154	3.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.907	69	43286	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.560	65	15189	2.993	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.800%#
20) 2-Butanone-d5	4.624	46	136740	52.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.820%
24) Chloroform-d	5.061	84	95621	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.701	65	53635	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.727	84	183282	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.688	67	63857	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.897	98	155127	3.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.180	79	15571	3.604	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.630	63	88732	50.587	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.180%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51644	4.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	59889	4.348	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	11448	1.303	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	4778	0.207	ug/L #	94
18) trans-1,2-Dichloroethene	3.354	96	1797	0.202	ug/L	69
19) 1,1-Dichloroethane	3.862	63	5610	0.291	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	110317	10.112	ug/L	91
25) Chloroform	5.087	83	12542	0.625	ug/L	96
31) Carbon tetrachloride	5.528	117	13141	0.914	ug/L	97
34) Trichloroethene	6.541	95	108656	9.193	ug/L	97
45) 1,1,2-Trichloroethane	8.402	97	1357	0.174	ug/L	90
47) Tetrachloroethene	8.553	164	29658	3.630	ug/L	95

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

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