

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055407.D
 Acq On : 19 Sep 2023 22:02
 Operator : MD/SY
 Sample : 04398-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P5

Quant Time: Sep 20 06:10:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 06:06:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	212367	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	215886	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	102679	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29673	1.382	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	27.600%#
7) Chloroethane-d5	1.911	69	43103	2.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	45.600%#
11) 1,1-Dichloroethene-d2	2.563	65	15704	1.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	35.600%#
20) 2-Butanone-d5	4.628	46	168076	43.354	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.700%
24) Chloroform-d	5.058	84	121417	3.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.600%#
26) 1,2-Dichloroethane-d4	5.698	65	63039	3.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
32) Benzene-d6	5.724	84	208983	2.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.400%#
36) 1,2-Dichloropropane-d6	6.689	67	75898	3.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.200%
41) Toluene-d8	7.898	98	164988	2.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	48.000%#
43) trans-1,3-Dichloroprop...	8.180	79	11148	1.408	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	28.200%#
46) 2-Hexanone-d5	8.634	63	81381	33.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62356	3.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	66197	3.194	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	63.800%#
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	96494	4.917	ug/L	98
12) 1,1-Dichloroethene	2.576	96	71850	4.839	ug/L #	80
16) Methylene chloride	3.042	84	11631	0.654	ug/L	82
17) Methyl tert-butyl Ether	3.361	73	18165	0.564	ug/L #	96
18) trans-1,2-Dichloroethene	3.351	96	4949	0.331	ug/L	96
19) 1,1-Dichloroethane	3.866	63	42694	1.543	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	1613641	92.999	ug/L	100
27) 1,2-Dichloroethane	5.795	62	8855	0.493	ug/L	99
34) Trichloroethene	6.537	95	1378877	78.452	ug/L	98
47) Tetrachloroethene	8.553	164	14294	1.134	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	5864	0.207	ug/L	93

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

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