

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055359.D
 Acq On : 15 Sep 2023 23:30
 Operator : MD/SY
 Sample : 04380-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4L4

Quant Time: Sep 16 00:47:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	168936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	180390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	81606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23402	2.410	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.200%
7) Chloroethane-d5	1.910	69	41258	3.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.563	65	12794	3.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.634	46	151892	56.569	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.140%
24) Chloroform-d	5.058	84	97880	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.698	65	52559	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.724	84	173616	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.685	67	62872	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.897	98	137138	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.180	79	12418	2.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.400%#
46) 2-Hexanone-d5	8.634	63	77620	46.665	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.320%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52777	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	53533	5.094	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
5) Vinyl chloride	1.602	62	27392	1.635	ug/L	99
9) Trichlorofluoromethane	2.136	101	21982	0.820	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	22091	0.776	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	3688	0.282	ug/L	90
19) 1,1-Dichloroethane	3.869	63	5825	0.229	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	61759	4.038	ug/L	97
34) Trichloroethene	6.541	95	125472	7.383	ug/L	95
47) Tetrachloroethene	8.553	164	26101	2.241	ug/L	92

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

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