

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
 Data File : VU055371.D
 Acq On : 18 Sep 2023 13:46
 Operator : MD/SY
 Sample : 04398-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P2

Quant Time: Sep 19 01:15:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 19 01:12:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	71311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25118	2.520	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.400%
7) Chloroethane-d5	1.911	69	41468	3.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.563	65	13750	3.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.631	46	148719	53.962	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.920%
24) Chloroform-d	5.058	84	97246	4.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.701	65	53321	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.724	84	174361	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.685	67	62614	5.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.898	98	137216	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.180	79	10482	2.476	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	49.600%#
46) 2-Hexanone-d5	8.631	63	76243	49.499	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.000%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51533	4.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	47062	5.125	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	84730	4.928	ug/L	99
12) 1,1-Dichloroethene	2.576	96	91733	7.525	ug/L	88
16) Methylene chloride	3.042	84	7397	0.407	ug/L	84
17) Methyl tert-butyl Ether	3.357	73	40981	1.402	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	6813	0.508	ug/L	81
19) 1,1-Dichloroethane	3.869	63	45124	1.730	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	2138724	136.230	ug/L	99
25) Chloroform	5.087	83	15951	0.565	ug/L	87
27) 1,2-Dichloroethane	5.795	62	15308	0.874	ug/L	100
34) Trichloroethene	6.537	95	1696503	107.807	ug/L	96
47) Tetrachloroethene	8.550	164	21925	2.033	ug/L	96
51) Chlorobenzene	9.447	112	8899	0.228	ug/L	94
64) 1,3-Dichlorobenzene	11.749	146	8431	0.351	ug/L	96
65) 1,4-Dichlorobenzene	11.836	146	17508	0.747	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	4619	0.215	ug/L	92
70) 1,2,4-trichlorobenzene	13.839	180	40470	3.227	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	11175	1.029	ug/L	95

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

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