

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055406.D
 Acq On : 19 Sep 2023 21:38
 Operator : MD/SY
 Sample : 04398-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P3

Quant Time: Sep 20 06:10:05 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	216417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	215803	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	97689	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29657	1.356	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	27.200%#
7) Chloroethane-d5	1.911	69	44869	2.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	46.600%#
11) 1,1-Dichloroethene-d2	2.563	65	17349	1.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	38.600%#
20) 2-Butanone-d5	4.631	46	179259	45.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.740%
24) Chloroform-d	5.058	84	124767	3.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.000%#
26) 1,2-Dichloroethane-d4	5.701	65	65036	3.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
32) Benzene-d6	5.724	84	215943	2.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	57.200%#
36) 1,2-Dichloropropane-d6	6.689	67	77478	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.800%
41) Toluene-d8	7.897	98	168916	2.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	49.200%#
43) trans-1,3-Dichloroprop...	8.177	79	11342	1.433	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	28.600%#
46) 2-Hexanone-d5	8.634	63	88342	36.696	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.400%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	64101	3.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	62998	3.195	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	64.000%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	90179	4.510	ug/L	97
12) 1,1-Dichloroethene	2.576	96	49651	3.281	ug/L	87
16) Methylene chloride	3.046	84	8161	0.450	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	23396	0.713	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	6446	0.423	ug/L	85
19) 1,1-Dichloroethane	3.862	63	42480	1.506	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	985940	55.759	ug/L	100
27) 1,2-Dichloroethane	5.798	62	8315	0.454	ug/L #	76
33) Benzene	5.772	78	9529	0.153	ug/L	100
34) Trichloroethene	6.537	95	873664	49.726	ug/L	98
47) Tetrachloroethene	8.553	164	10883	0.864	ug/L	95
51) Chlorobenzene	9.447	112	14387	0.339	ug/L	94
64) 1,3-Dichlorobenzene	11.746	146	5808	0.215	ug/L	90
65) 1,4-Dichlorobenzene	11.833	146	13405	0.498	ug/L	97

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

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