

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055418.D
 Acq On : 20 Sep 2023 12:19
 Operator : MD/SY
 Sample : 04398-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P3

Quant Time: Sep 21 00:28:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	256612	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	263041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	133315	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	115012	4.435	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.911	69	102598	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.563	65	49318	4.620	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.631	46	245609	52.429	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.860%
24) Chloroform-d	5.058	84	225982	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.698	65	114564	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.724	84	453958	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.688	67	137986	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.894	98	397220	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.177	79	47570	4.931	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.634	63	128108	43.658	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.320%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99219	4.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	137600	5.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3024	0.138	ug/L	100
5) Vinyl chloride	1.602	62	105470	4.448	ug/L	99
12) 1,1-Dichloroethene	2.576	96	64606	3.601	ug/L	79
17) Methyl tert-butyl Ether	3.357	73	25901	0.665	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	7322	0.405	ug/L	83
19) 1,1-Dichloroethane	3.869	63	47103	1.408	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	1163352	55.487	ug/L	99
27) 1,2-Dichloroethane	5.795	62	8300	0.382	ug/L #	76
33) Benzene	5.775	78	9589	0.127	ug/L	100
34) Trichloroethene	6.537	95	1136972	53.092	ug/L	98
47) Tetrachloroethene	8.550	164	15988	1.041	ug/L	93
51) Chlorobenzene	9.447	112	18409	0.356	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	6688	0.182	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	17634	0.480	ug/L	96

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

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