

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055073.D
 Acq On : 02 Sep 2023 04:45
 Operator : MD/SY
 Sample : 04250-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B3

Quant Time: Sep 02 05:00:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	185736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	187491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	100655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54370	6.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.000%
7) Chloroethane-d5	1.911	69	48467	4.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.563	65	24786	4.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.634	46	142006	56.214	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.420%
24) Chloroform-d	5.058	84	116325	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.698	65	59163	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.724	84	232330	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.689	67	73193	4.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.894	98	205953	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.181	79	17921	4.421	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.634	63	81531	49.541	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52612	5.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	74278	5.056	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	1928147	166.339	ug/L	95
12) 1,1-Dichloroethene	2.579	96	9023	1.051	ug/L #	30
17) Methyl tert-butyl Ether	3.364	73	5355	0.238	ug/L #	69
18) trans-1,2-Dichloroethene	3.351	96	24525	2.815	ug/L	97
19) 1,1-Dichloroethane	3.869	63	12627	0.671	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	2447090	229.462	ug/L	97
33) Benzene	5.772	78	9820	0.246	ug/L	100
34) Trichloroethene	6.537	95	729412	65.772	ug/L	98
51) Chlorobenzene	9.447	112	29545	1.049	ug/L	94
64) 1,3-Dichlorobenzene	11.746	146	20020	0.888	ug/L	94
65) 1,4-Dichlorobenzene	11.836	146	31160	1.388	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	34211	1.619	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	20507	1.284	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	7594	0.548	ug/L	89

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

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