

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055064.D
 Acq On : 02 Sep 2023 01:09
 Operator : MD/SY
 Sample : 04250-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4A0

Quant Time: Sep 02 01:48:33 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	6.248	114	180971	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40850	4.816	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.911	69	46942	4.781	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.563	65	24441	5.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.200%
20) 2-Butanone-d5	4.634	46	156105	63.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.840%
24) Chloroform-d	5.058	84	115772	5.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.701	65	60458	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.724	84	225652	5.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.689	67	73878	5.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.894	98	201509	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.180	79	18922	4.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.634	63	89139	56.895	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.780%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	54228	5.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	71528	5.304	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	5288	0.494	ug/L	98
5) Vinyl chloride	1.599	62	113021	10.007	ug/L	95
8) Chloroethane	1.930	64	1828	0.249	ug/L	86
12) 1,1-Dichloroethene	2.573	96	11009	1.316	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	8467	0.386	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	40977	4.827	ug/L	94
19) 1,1-Dichloroethane	3.865	63	9934	0.542	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	2062539	198.495	ug/L	97
33) Benzene	5.772	78	13400	0.353	ug/L	100
34) Trichloroethene	6.537	95	2556349	242.130	ug/L	97
47) Tetrachloroethene	8.550	164	1654	0.227	ug/L	92
51) Chlorobenzene	9.447	112	44077	1.643	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	11629	0.562	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	21109	1.024	ug/L	97
67) 1,2-Dichlorobenzene	12.212	146	30244	1.560	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	10795	0.737	ug/L	98

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