

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055213.D
 Acq On : 08 Sep 2023 02:32
 Operator : MD/SY
 Sample : 04307-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H9

Quant Time: Sep 08 06:39:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169442	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	175861	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	84036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25972	3.270	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.907	69	34864	3.793	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.560	65	17006	3.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.627	46	135337	58.726	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.460%
24) Chloroform-d	5.061	84	103092	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.701	65	52499	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.724	84	183057	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.688	67	64012	4.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.897	98	157549	3.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.180	79	14546	3.826	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.634	63	67238	43.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.120%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50585	5.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	59232	4.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	4759	0.475	ug/L	95
5) Vinyl chloride	1.599	62	1857	0.176	ug/L	94
18) trans-1,2-Dichloroethene	3.354	96	939	0.118	ug/L #	68
22) cis-1,2-Dichloroethene	4.663	96	141601	14.555	ug/L	97
25) Chloroform	5.084	83	164369	9.188	ug/L	96
34) Trichloroethene	6.541	95	73036	7.021	ug/L	97
38) Bromodichloromethane	7.103	83	61348	5.042	ug/L #	96
49) Dibromochloromethane	8.807	129	17110	2.284	ug/L	99
59) Bromoform	10.293	173	1132	0.337	ug/L #	82
70) 1,2,4-trichlorobenzene	13.842	180	22097	1.658	ug/L	97
72) 1,2,3-Trichlorobenzene	14.331	180	6315	0.546	ug/L	97

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

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