

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055417.D
 Acq On : 20 Sep 2023 11:55
 Operator : MD/SY
 Sample : 04380-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P4

Quant Time: Sep 21 00:27:42 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	243614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253370	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	124031	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	109719	4.456	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.911	69	98188	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.563	65	46816	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.631	46	231657	52.090	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.180%
24) Chloroform-d	5.058	84	215175	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.698	65	109396	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.724	84	435038	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.688	67	132696	5.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.894	98	384167	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.177	79	45186	4.863	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.631	63	120909	42.777	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.560%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	95228	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	129397	5.169	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	190787	8.476	ug/L	98
12) 1,1-Dichloroethene	2.576	96	100001	5.871	ug/L	92
16) Methylene chloride	3.042	84	6779	0.332	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	17226	0.466	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	6064	0.353	ug/L	90
19) 1,1-Dichloroethane	3.865	63	49868	1.571	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	1613209	81.049	ug/L	99
25) Chloroform	5.084	83	14677	0.437	ug/L	99
27) 1,2-Dichloroethane	5.791	62	13780	0.668	ug/L	99
34) Trichloroethene	6.537	95	1503297	72.877	ug/L	98
47) Tetrachloroethene	8.553	164	13494	0.912	ug/L	93
51) Chlorobenzene	9.444	112	14035	0.282	ug/L	94
64) 1,3-Dichlorobenzene	11.746	146	4829	0.141	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	10788	0.315	ug/L	81

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

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