

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055408.D
 Acq On : 19 Sep 2023 22:27
 Operator : MD/SY
 Sample : 04398-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P6

Quant Time: Sep 20 06:10:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 06:06:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173048	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	79567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24605	1.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	28.200%#
7) Chloroethane-d5	1.911	69	38571	2.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	50.000%#
11) 1,1-Dichloroethene-d2	2.563	65	14062	1.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	39.000%#
20) 2-Butanone-d5	4.634	46	168442	53.320	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.640%
24) Chloroform-d	5.058	84	105368	3.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.600%#
26) 1,2-Dichloroethane-d4	5.701	65	60854	3.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
32) Benzene-d6	5.724	84	177905	2.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.200%#
36) 1,2-Dichloropropane-d6	6.689	67	69422	3.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.898	98	134791	2.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	48.400%#
43) trans-1,3-Dichloroprop...	8.180	79	9821	1.531	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	30.600%#
46) 2-Hexanone-d5	8.631	63	80790	41.416	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59158	4.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	53986	3.362	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.200%#
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2918	0.197	ug/L	96
5) Vinyl chloride	1.602	62	172026	10.758	ug/L	99
12) 1,1-Dichloroethene	2.576	96	22714	1.877	ug/L	91
16) Methylene chloride	3.042	84	17468	1.205	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	11717	0.446	ug/L #	91
18) trans-1,2-Dichloroethene	3.348	96	1753	0.144	ug/L	92
19) 1,1-Dichloroethane	3.866	63	19476	0.864	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	632637	44.745	ug/L	98
27) 1,2-Dichloroethane	5.801	62	3237	0.221	ug/L #	76
34) Trichloroethene	6.537	95	492144	34.569	ug/L	99
47) Tetrachloroethene	8.553	164	5820	0.570	ug/L	97
51) Chlorobenzene	9.444	112	6188	0.180	ug/L	85
64) 1,3-Dichlorobenzene	11.749	146	2514	0.115	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	8624	0.393	ug/L	91

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

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