

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055303.D
 Acq On : 14 Sep 2023 12:29
 Operator : MD/SY
 Sample : 04380-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N8

Quant Time: Sep 15 03:01:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189393	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193033	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	90839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	74579	8.402	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	168.000%#
7) Chloroethane-d5	1.911	69	39453	3.840	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.563	65	16528	3.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.644	46	120370	46.729	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.460%
24) Chloroform-d	5.058	84	99179	4.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.701	65	50494	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.724	84	183574	3.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.689	67	63101	4.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.897	98	148985	3.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	8.184	79	11922	2.857	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.200%
46) 2-Hexanone-d5	8.637	63	66516	39.257	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.520%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	48440	4.545	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	58268	4.395	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	6281789	531.457	ug/L	96
12) 1,1-Dichloroethene	2.576	96	16066	1.835	ug/L #	75
17) Methyl tert-butyl Ether	3.367	73	10022	0.436	ug/L #	82
18) trans-1,2-Dichloroethene	3.351	96	34551	3.889	ug/L	91
19) 1,1-Dichloroethane	3.865	63	78142	4.070	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	11242635	1033.858	ug/L	92
27) 1,2-Dichloroethane	5.801	62	3450	0.283	ug/L #	94
33) Benzene	5.775	78	10992	0.268	ug/L	100
34) Trichloroethene	6.547	95	4912	0.430	ug/L	92
51) Chlorobenzene	9.447	112	15290	0.527	ug/L	97
64) 1,3-Dichlorobenzene	11.749	146	11432	0.562	ug/L	97
65) 1,4-Dichlorobenzene	11.839	146	10310	0.509	ug/L	91
67) 1,2-Dichlorobenzene	12.212	146	8969	0.470	ug/L	92
70) 1,2,4-trichlorobenzene	13.843	180	7469	0.518	ug/L #	91

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

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