

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055268.D
 Acq On : 13 Sep 2023 03:26
 Operator : MD/SY
 Sample : 04350-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N0

Quant Time: Sep 13 05:36:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 05:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189649	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	86386	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25281	2.858	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.200%
7) Chloroethane-d5	1.907	69	40171	3.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.563	65	14134	2.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	4.628	46	124966	48.687	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.380%
24) Chloroform-d	5.062	84	95569	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.698	65	48684	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	5.727	84	175817	3.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.689	67	59949	4.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.898	98	149698	3.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.180	79	13097	3.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.800%
46) 2-Hexanone-d5	8.634	63	70776	42.517	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	46058	4.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	49931	3.960	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	2555	0.233	ug/L	98
5) Vinyl chloride	1.602	62	87107	7.396	ug/L	97
12) 1,1-Dichloroethene	2.576	96	139099	15.943	ug/L #	76
17) Methyl tert-butyl Ether	3.361	73	86509	3.781	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	9421	1.064	ug/L	86
19) 1,1-Dichloroethane	3.866	63	65481	3.423	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	6562797	605.668	ug/L	93
25) Chloroform	5.084	83	48733	2.446	ug/L	97
27) 1,2-Dichloroethane	5.795	62	14925	1.227	ug/L	96
29) 1,1,1-Trichloroethane	5.316	97	23655	1.442	ug/L	92
33) Benzene	5.769	78	5601	0.139	ug/L	100
34) Trichloroethene	6.537	95	2481985	221.258	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	801	0.108	ug/L #	72
47) Tetrachloroethene	8.553	164	19053	2.457	ug/L	94

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

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