

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055272.D
 Acq On : 13 Sep 2023 05:04
 Operator : MD/SY
 Sample : 04350-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N4

Quant Time: Sep 13 05:37:59 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	170090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	172259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	79059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25747	3.230	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.907	69	37983	4.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.563	65	14596	3.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.624	46	114474	49.484	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.960%
24) Chloroform-d	5.062	84	89574	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.698	65	47902	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.724	84	162363	3.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.689	67	57372	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.897	98	137129	3.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.180	79	12436	3.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.800%
46) 2-Hexanone-d5	8.634	63	63940	42.288	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.580%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	42841	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	48324	4.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2186	0.217	ug/L	98
5) Vinyl chloride	1.602	62	149488	14.082	ug/L	97
12) 1,1-Dichloroethene	2.576	96	53947	6.860	ug/L	85
17) Methyl tert-butyl Ether	3.361	73	16998	0.824	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	5229	0.655	ug/L	82
19) 1,1-Dichloroethane	3.869	63	29040	1.684	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	874848	89.580	ug/L	94
25) Chloroform	5.081	83	10778	0.600	ug/L	99
27) 1,2-Dichloroethane	5.798	62	6566	0.599	ug/L #	89
31) Carbon tetrachloride	5.525	117	3887	0.314	ug/L	83
33) Benzene	5.775	78	7399	0.202	ug/L	100
34) Trichloroethene	6.541	95	848205	83.247	ug/L	97
47) Tetrachloroethene	8.553	164	8327	1.182	ug/L	93
51) Chlorobenzene	9.447	112	5055	0.195	ug/L	99

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

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