

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055266.D
 Acq On : 13 Sep 2023 02:37
 Operator : MD/SY
 Sample : 04350-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4M8

Quant Time: Sep 13 05:35:57 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	178336	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	193394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	88949	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28237	3.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.907	69	39864	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.566	65	14702	3.087	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	4.624	46	123018	50.718	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.440%
24) Chloroform-d	5.062	84	95681	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.701	65	51196	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.727	84	175153	3.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.692	67	61997	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.897	98	149459	3.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.000%#
43) trans-1,3-Dichloroprop...	8.184	79	14350	3.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.634	63	65770	38.744	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.480%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	44457	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	53541	4.124	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	2236	0.212	ug/L	92
5) Vinyl chloride	1.602	62	398061	35.765	ug/L	96
12) 1,1-Dichloroethene	2.573	96	2212	0.268	ug/L #	1
14) Carbon disulfide	2.788	76	2877	0.142	ug/L #	89
17) Methyl tert-butyl Ether	3.361	73	12877	0.596	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	2003	0.239	ug/L #	89
19) 1,1-Dichloroethane	3.872	63	4664	0.258	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	93334	9.115	ug/L	93
34) Trichloroethene	6.541	95	22425	1.960	ug/L	97
42) Toluene	7.971	91	10312	0.235	ug/L	97

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

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