

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055126.D
 Acq On : 06 Sep 2023 04:38
 Operator : MD/SY
 Sample : 04267-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D3

Quant Time: Sep 06 05:28:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188562	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	196816	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33713	3.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.907	69	42807	4.185	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.560	65	21435	4.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.624	46	134519	52.452	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.900%
24) Chloroform-d	5.062	84	106676	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.701	65	56493	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.727	84	212920	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.689	67	70501	4.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.898	98	184295	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.180	79	16416	3.858	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.634	63	81927	47.423	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51904	4.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	67735	4.689	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	1609	0.147	ug/L #	80
3) Chloromethane	1.515	50	2383	0.214	ug/L	100
5) Vinyl chloride	1.599	62	1340	0.114	ug/L #	33
12) 1,1-Dichloroethene	2.576	96	7168	0.822	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	4070	0.178	ug/L #	87
19) 1,1-Dichloroethane	3.866	63	6322	0.331	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	113775	10.509	ug/L	99
25) Chloroform	5.084	83	31720	1.593	ug/L	98
34) Trichloroethene	6.541	95	140905	12.104	ug/L	98
47) Tetrachloroethene	8.553	164	2000	0.249	ug/L	88

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

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