

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU054997.D
 Acq On : 30 Aug 2023 14:27
 Operator : MD/SY
 Sample : 04209-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH488

Quant Time: Aug 31 02:36:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166230	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	159101	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	80809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	19051	3.631	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.911	69	27130	4.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.563	65	11901	4.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.627	46	170661	60.261	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.520%
24) Chloroform-d	5.061	84	87754	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.701	65	50712	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.727	84	157300	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.688	67	61783	4.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.897	98	140106	4.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.180	79	17519	4.232	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.634	63	111890	56.950	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.900%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	56559	5.244	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	62354	4.833	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	2399	0.320	ug/L	# 1
17) Methyl tert-butyl Ether	3.364	73	7516	0.344	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	3016	0.368	ug/L	81
19) 1,1-Dichloroethane	3.865	63	2901	0.169	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	351577	35.952	ug/L	92
34) Trichloroethene	6.541	95	312823	30.074	ug/L	99
45) 1,1,2-Trichloroethane	8.402	97	915	0.130	ug/L	83
47) Tetrachloroethene	8.553	164	16313	2.183	ug/L	96

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

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