

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055173.D
 Acq On : 07 Sep 2023 05:00
 Operator : MD/SY
 Sample : 04267-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4D5

Quant Time: Sep 07 15:40:15 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	167693	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	87317	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31897	4.058	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.907	69	38952	4.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.560	65	18981	4.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.624	46	122723	53.808	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.620%
24) Chloroform-d	5.058	84	100552	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.702	65	51566	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.724	84	198223	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.685	67	67754	5.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.898	98	170973	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.181	79	14112	3.797	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.634	63	70876	46.968	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.940%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	48889	5.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	61429	4.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.361	73	4055	0.199	ug/L	# 69
18) trans-1,2-Dichloroethene	3.351	96	2274	0.289	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	439587	45.655	ug/L	95
34) Trichloroethene	6.537	95	2636563	259.277	ug/L	96
42) Toluene	7.968	91	19299	0.495	ug/L	89
45) 1,1,2-Trichloroethane	8.399	97	764	0.114	ug/L	# 80
47) Tetrachloroethene	8.553	164	2994	0.426	ug/L	93
51) Chlorobenzene	9.451	112	4288	0.166	ug/L	92
70) 1,2,4-trichlorobenzene	13.843	180	11435	0.826	ug/L	98

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

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