

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055121.D
 Acq On : 06 Sep 2023 02:38
 Operator : MD/SY
 Sample : 04267-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C7

Quant Time: Sep 06 05:27:13 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	193895	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	195455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	100034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	33884	3.729	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.907	69	41001	3.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.560	65	21422	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.624	46	131247	49.769	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.540%
24) Chloroform-d	5.058	84	106490	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.701	65	56047	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.724	84	201746	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.689	67	67395	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.897	98	177109	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.184	79	15324	3.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.634	63	80206	46.750	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.500%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50995	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	66457	4.551	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	16266	1.344	ug/L #	57
12) 1,1-Dichloroethene	2.573	96	1635	0.182	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	8572	0.365	ug/L #	92
22) cis-1,2-Dichloroethene	4.663	96	76236	6.848	ug/L	99
34) Trichloroethene	6.541	95	76933	6.655	ug/L	97
51) Chlorobenzene	9.447	112	3928	0.134	ug/L #	79
64) 1,3-Dichlorobenzene	11.746	146	2237	0.100	ug/L #	81
65) 1,4-Dichlorobenzene	11.836	146	5884	0.264	ug/L	90
67) 1,2-Dichlorobenzene	12.206	146	6239	0.297	ug/L	91
70) 1,2,4-trichlorobenzene	13.843	180	35443	2.234	ug/L	98
72) 1,2,3-Trichlorobenzene	14.331	180	12016	0.872	ug/L	98

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

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