

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055120.D
 Acq On : 06 Sep 2023 02:13
 Operator : MD/SY
 Sample : 04250-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4F2

Quant Time: Sep 06 05:26:52 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	194927	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197058	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	110084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	80844	8.849	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	177.000%#
7) Chloroethane-d5	1.907	69	42622	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	22572	4.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.631	46	154391	58.235	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	5.062	84	111710	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.701	65	59187	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.724	84	221417	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.688	67	71495	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.897	98	194703	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.180	79	18889	4.433	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.631	63	90250	52.177	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55613	5.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	73842	4.596	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
5) Vinyl chloride	1.599	62	6175675	507.646	ug/L	95
12) 1,1-Dichloroethene	2.576	96	30352	3.368	ug/L	90
17) Methyl tert-butyl Ether	3.361	73	8768	0.371	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	48428	5.297	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	18663208	1667.519	ug/L	78
25) Chloroform	5.087	83	18883	0.918	ug/L	93
27) 1,2-Dichloroethane	5.798	62	9473	0.754	ug/L	97
33) Benzene	5.772	78	36203	0.863	ug/L	100
34) Trichloroethene	6.544	95	15819744	1357.237	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	25931	3.372	ug/L	99
47) Tetrachloroethene	8.553	164	3561	0.442	ug/L #	75
51) Chlorobenzene	9.444	112	485158	16.384	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	96940	3.934	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	204251	8.316	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	221319	9.579	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	291851	16.713	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	94060	6.206	ug/L	100

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

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