

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
 Data File : VU055370.D
 Acq On : 18 Sep 2023 13:22
 Operator : MD/SY
 Sample : 04398-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4K4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

Quant Time: Sep 19 01:15:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 19 01:12:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	193473	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26041	2.342	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	46.800%
7) Chloroethane-d5	1.910	69	44414	3.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.563	65	14703	3.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	0.000	46	0d	0.000	ug/L	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	5.061	84	111934	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.701	65	57622	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.727	84	204630	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.695	67	65895	4.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.897	98	170067	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.180	79	13877	2.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.800%#
46) 2-Hexanone-d5	8.634	63	101835	55.238	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62237	5.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	66498	4.997	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	120131	6.262	ug/L	98
12) 1,1-Dichloroethene	2.579	96	225932	16.609	ug/L #	82
16) Methylene chloride	3.039	84	7400	0.365	ug/L	87
17) Methyl tert-butyl Ether	3.361	73	9532	0.292	ug/L #	93
18) trans-1,2-Dichloroethene	3.351	96	681762	45.583	ug/L	100
19) 1,1-Dichloroethane	3.872	63	13203	0.454	ug/L	95
22) cis-1,2-Dichloroethene	4.644	96	45223636m	2581.715	ug/L	
25) Chloroform	5.084	83	21937	0.696	ug/L	94
27) 1,2-Dichloroethane	5.798	62	8029	0.411	ug/L #	82
30) Cyclohexane	5.386	56	60725	2.532	ug/L	99
33) Benzene	5.775	78	180428	2.727	ug/L	100
34) Trichloroethene	6.534	95	37149655m	1972.392	ug/L	
35) Methylcyclohexane	6.766	83	32635	1.192	ug/L #	55
42) Toluene	7.971	91	12366	0.171	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	35932	2.983	ug/L	97
47) Tetrachloroethene	8.553	164	73866	5.722	ug/L	95
51) Chlorobenzene	9.444	112	1250108	26.724	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	397904	11.447	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	801703	23.599	ug/L	99

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67) 1,2-Dichlorobenzene	12.209	146	129110	4.143	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	711748	39.164	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	138483	8.802	ug/L	99

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

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