

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055066.D
 Acq On : 02 Sep 2023 01:57
 Operator : MD/SY
 Sample : 04250-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4A2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/04/2023
 Supervised By :Mahesh Dadoda 09/05/2023

Quant Time: Sep 02 04:11:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188976	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	101832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	42649	4.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.911	69	46982	4.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.560	65	24915	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.637	46	126111	49.066	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.140%
24) Chloroform-d	5.058	84	118306	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.698	65	61631	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.724	84	233101	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.689	67	75251	5.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.894	98	209088	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	8.177	79	19429	4.713	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.634	63	92636	55.353	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55154	5.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	76292	5.133	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
5) Vinyl chloride	1.599	62	146046	12.383	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2312	0.232	ug/L	# 71
12) 1,1-Dichloroethene	2.576	96	43701	5.002	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	59459	2.595	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	30910	3.487	ug/L	93
19) 1,1-Dichloroethane	3.869	63	15819	0.826	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	3892817	358.768	ug/L	98
25) Chloroform	5.084	83	53852	2.699	ug/L	88
31) Carbon tetrachloride	5.521	117	53428	3.896	ug/L	99
33) Benzene	5.772	78	79691	1.964	ug/L	100
34) Trichloroethene	6.537	95	19278131m	1709.421	ug/L	
45) 1,1,2-Trichloroethane	8.396	97	10526	1.415	ug/L	94
47) Tetrachloroethene	8.550	164	56148	7.204	ug/L	95
51) Chlorobenzene	9.444	112	49427	1.725	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	22253	0.976	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	25394	1.118	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	20546	0.961	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	36387	2.253	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	17814	1.271	ug/L	98

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

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