

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055067.D
 Acq On : 02 Sep 2023 02:21
 Operator : MD/SY
 Sample : 04250-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4A3

Manual Integrations
 APPROVED

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

Quant Time: Sep 02 04:11:26 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

09/04/2023
 Supervised By : Mahesh
 Dadoda

09/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	192984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	99179	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42054	4.650	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.911	69	49608	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.563	65	24829	4.818	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.631	46	159590	60.802	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.600%
24) Chloroform-d	5.059	84	121034	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.698	65	62911	5.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.724	84	239906	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.689	67	78867	5.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.894	98	217938	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.177	79	21306	5.093	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.631	63	97919	57.652	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58165	5.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	75773	5.234	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
5) Vinyl chloride	1.602	62	31242	2.594	ug/L	100
9) Trichlorofluoromethane	2.136	101	2299	0.131	ug/L	97
12) 1,1-Dichloroethene	2.576	96	27700	3.105	ug/L #	76
17) Methyl tert-butyl Ether	3.361	73	93629	4.001	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	26997	2.982	ug/L	93
19) 1,1-Dichloroethane	3.869	63	9609	0.491	ug/L #	95
22) cis-1,2-Dichloroethene	4.660	96	4529476	408.774	ug/L	97
25) Chloroform	5.087	83	32945	1.617	ug/L	98
31) Carbon tetrachloride	5.522	117	8054	0.579	ug/L	91
33) Benzene	5.772	78	19706	0.479	ug/L	100
34) Trichloroethene	6.534	95	24272453m	2120.741	ug/L	
45) 1,1,2-Trichloroethane	8.399	97	13053	1.728	ug/L	96
47) Tetrachloroethene	8.550	164	86288	10.908	ug/L	98
51) Chlorobenzene	9.444	112	48133	1.655	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	21476	0.967	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	33884	1.531	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	17030	0.818	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	76348	4.853	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	33061	2.421	ug/L	97

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

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