

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055074.D
 Acq On : 02 Sep 2023 05:09
 Operator : MD/SY
 Sample : 04250-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4E8

Manual Integrations
 APPROVED

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

Quant Time: Sep 02 05:29:22 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	188111	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	99081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40427	4.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.911	69	48939	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.563	65	26158	5.207	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.200%
20) 2-Butanone-d5	4.631	46	138602	54.174	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.340%
24) Chloroform-d	5.058	84	118775	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.701	65	59776	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.724	84	239394	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.689	67	77319	5.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.894	98	208493	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.177	79	18742	4.513	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.634	63	81777	48.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53305	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	76766	5.308	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds	Qvalue					
13) Acetone	2.637	43	67194	39.186	ug/L	98
14) Carbon disulfide	2.795	76	2897	0.136	ug/L	98
15) Methyl Acetate	2.956	43	20404	5.813	ug/L	92
16) Methylene chloride	3.042	84	7643	0.575	ug/L	88
18) trans-1,2-Dichloroethene	3.351	96	1729	0.196	ug/L	82
21) 2-Butanone	4.718	43	15261m	6.057	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	9130	0.845	ug/L	90
34) Trichloroethene	6.541	95	15174	1.335	ug/L	98
40) 4-Methyl-2-pentanone	7.795	43	10121	1.594	ug/L #	86
42) Toluene	7.968	91	45638	1.047	ug/L	89
47) Tetrachloroethene	8.553	164	1267	0.161	ug/L	83
52) Ethylbenzene	9.569	91	10413	0.214	ug/L	94
53) m,p-Xylene	9.692	106	9771	0.542	ug/L	94
54) o-Xylene	10.100	106	4894	0.276	ug/L	99
55) Styrene	10.116	104	23423	0.799	ug/L	99

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

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