

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051644.D
 Acq On : 01 Nov 2022 05:22
 Operator : JC/MD
 Sample : N5319-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA1

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Nov 01 06:02:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	227437	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	230026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	126353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65600	3.830	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.909	69	76960	4.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.565	65	23700	3.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.626	46	320748	51.704	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.400%
24) Chloroform-d	5.060	84	167775	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.703	65	95155	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.729	84	319695	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.690	67	113393	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.899	98	240870	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.179	79	27019	3.481	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.632	63	231382	49.525	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	112755	4.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	107201	4.623	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	212527	7.076	ug/L #	54
8) Chloroethane	1.932	64	304931	16.719	ug/L	97
13) Acetone	2.633	43	174244	55.358	ug/L	98
15) Methyl Acetate	2.964	43	6300	0.765	ug/L #	78
16) Methylene chloride	3.044	84	9119	0.282	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	6114	0.288	ug/L	99
19) 1,1-Dichloroethane	3.867	63	46057	1.177	ug/L	98
21) 2-Butanone	4.710	43	79212	16.070	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	500733	21.326	ug/L	99
30) Cyclohexane	5.385	56	74341	2.585	ug/L	98
33) Benzene	5.758	78	28523063m	314.219	ug/L	
35) Methylcyclohexane	6.761	83	101620	3.355	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	124400	10.623	ug/L	97
42) Toluene	7.957	91	27760036m	297.773	ug/L	
51) Chlorobenzene	9.446	112	6226982	106.128	ug/L	98
52) Ethylbenzene	9.568	91	9310022	103.501	ug/L	100
53) m,p-Xylene	9.693	106	14383705	411.686	ug/L #	34
54) o-Xylene	10.099	106	4647596	136.111	ug/L	100
60) Isopropylbenzene	10.481	105	563558	6.110	ug/L #	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	11.086	105	974742	39.253	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	4234000	59.132	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	35899	0.782	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	264756	5.750	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	224349	5.016	ug/L	99

11/01/2022
 Supervised By :Mahesh
 Dadoda

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

11/03/2022

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