

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051303.D
 Acq On : 09 Oct 2022 16:27
 Operator : JC/MD
 Sample : N5013-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA39

Quant Time: Oct 10 01:27:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 10 01:25:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	210014	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	102463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64986	3.836	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.909	69	63404	4.356	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.565	65	27551	4.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.620	46	230754	61.868	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.740%
24) Chloroform-d	5.060	84	147546	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.700	65	83742	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.726	84	280554	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.690	67	99190	5.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.896	98	215758	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.179	79	32009	4.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.632	63	130183	59.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.960%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	87819	5.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	92072	5.170	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
8) Chloroethane	1.932	64	16341	1.086	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	14309	0.408	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	3484	0.195	ug/L	90
30) Cyclohexane	5.382	56	7074	0.329	ug/L	95
33) Benzene	5.771	78	3331958	47.174	ug/L	100
35) Methylcyclohexane	6.764	83	5947	0.268	ug/L #	84
42) Toluene	7.970	91	126081	1.682	ug/L	97
51) Chlorobenzene	9.446	112	679091	15.160	ug/L	99
52) Ethylbenzene	9.568	91	37029	0.550	ug/L	100
53) m,p-Xylene	9.690	106	239864	9.180	ug/L	97
54) o-Xylene	10.098	106	110275	4.460	ug/L	98
60) Isopropylbenzene	10.484	105	118951	1.833	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	17362	1.008	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	56865	1.168	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	3366	0.105	ug/L	93
65) 1,4-Dichlorobenzene	11.835	146	26286	0.831	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	25813	0.827	ug/L	96

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

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