

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100922\
 Data File : VU051306.D
 Acq On : 09 Oct 2022 17:41
 Operator : JC/MD
 Sample : N5013-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA42

Quant Time: Oct 10 01:29:03 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	220499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	230219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69917	3.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.909	69	68578	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.562	65	29695	4.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.620	46	256845	65.589	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.180%#
24) Chloroform-d	5.060	84	160951	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.703	65	89016	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.726	84	308635	4.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	109533	5.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.896	98	248596	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.179	79	36508	5.166	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.632	63	153348	64.388	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.780%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	92262	5.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	94502	5.340	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.932	64	32239	2.041	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	4457	0.121	ug/L	98
19) 1,1-Dichloroethane	3.867	63	47378	1.357	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	10630	0.567	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	3676	0.133	ug/L #	90
33) Benzene	5.774	78	83637	1.088	ug/L	100
42) Toluene	7.967	91	131797	1.616	ug/L	100
51) Chlorobenzene	9.446	112	22393	0.459	ug/L	97
52) Ethylbenzene	9.568	91	19705	0.269	ug/L	94
53) m,p-Xylene	9.690	106	20111	0.707	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	5146	0.106	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	7475	0.238	ug/L	95

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

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