

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051343.D
 Acq On : 10 Oct 2022 22:23
 Operator : JC/MD
 Sample : N5013-08DL2 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA45DL2

Quant Time: Oct 11 05:56:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 02:38:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	181631	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85474	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53708	3.666	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.400%	
7) Chloroethane-d5	1.912	69	56517	4.490	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.800%	
11) 1,1-Dichloroethene-d2	2.565	65	22889	3.952	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.000%	
20) 2-Butanone-d5	4.626	46	181332	56.215	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.420%	
24) Chloroform-d	5.063	84	139429	5.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.700	65	76064	5.400	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.000%	
32) Benzene-d6	5.726	84	246051	4.528	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.690	67	91418	4.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.896	98	184151	3.788	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.800%	
43) trans-1,3-Dichloroprop...	8.179	79	29103	4.800	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.000%	
46) 2-Hexanone-d5	8.632	63	109820	53.742	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.480%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	77009	5.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	75949	5.112	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	

Target Compounds					Qvalue
5) Vinyl chloride	1.601	62	4951	0.243 ug/L	# 80
8) Chloroethane	1.932	64	6406	0.492 ug/L	89
16) Methylene chloride	3.041	84	9328	0.477 ug/L	89
22) cis-1,2-Dichloroethene	4.668	96	22708	1.471 ug/L	96
33) Benzene	5.774	78	621847	9.430 ug/L	100
42) Toluene	7.970	91	894636	12.781 ug/L	100
51) Chlorobenzene	9.446	112	84889	2.030 ug/L	98
52) Ethylbenzene	9.568	91	96944	1.541 ug/L	95
53) m,p-Xylene	9.690	106	97635	4.002 ug/L	98
54) o-Xylene	10.099	106	26894	1.165 ug/L	94
60) Isopropylbenzene	10.484	105	18402	0.340 ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	4508	0.314 ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	16913	0.416 ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	3580	0.136 ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	4537	0.174 ug/L	99

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

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