

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028200.D
 Acq On : 10 Oct 2023 16:50
 Operator : MA/JU
 Sample : 04657-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-2(0-2IN)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 10 17:28:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4888	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	16206	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	9110	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	16911	0.400	ng	0.00
29) Chrysene-d12	21.515	240	15290m	0.400	ng	0.00
35) Perylene-d12	23.984	264	22046m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	4876	0.334	ng	0.00
5) Phenol-d6	7.091	99	6393	0.347	ng	0.00
8) Nitrobenzene-d5	9.112	82	12187	0.884	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	7476	0.311	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1357	0.325	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	10359	0.316	ng	0.00
27) Fluoranthene-d10	19.356	212	12859	0.303	ng	0.00
31) Terphenyl-d14	19.941	244	12545	0.352	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	245088	5.853	ng	98
12) 2-Methylnaphthalene	12.392	142	95458	3.259	ng	98
16) Acenaphthylene	14.288	152	966976	23.961	ng	100
17) Acenaphthene	14.630	154	64377	2.502	ng	100
18) Fluorene	15.606	166	171786	5.141	ng	88
25) Phenanthrene	17.368	178	1537188	33.716	ng	100
26) Anthracene	17.455	178	883802	20.509	ng	97
28) Fluoranthene	19.388	202	2504963	47.608	ng	98
30) Pyrene	19.755	202	3022487	53.908	ng	98
32) Benzo(a)anthracene	21.497	228	1845696	35.474	ng	97
33) Chrysene	21.560	228	1609721	32.104	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	79070	2.311	ng	99
36) Indeno(1,2,3-cd)pyrene	26.577	276	1137896	15.345	ng	97
37) Benzo(b)fluoranthene	23.227	252	2046780	28.747	ng	# 89
38) Benzo(k)fluoranthene	23.267	252	761285m	10.542	ng	
39) Benzo(a)pyrene	23.876	252	1869484m	27.768	ng	
40) Dibenzo(a,h)anthracene	26.580	278	339001	5.588	ng	97
41) Benzo(g,h,i)perylene	27.393	276	1208356	19.406	ng	95

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

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