

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028206.D
 Acq On : 10 Oct 2023 20:28
 Operator : MA/JU
 Sample : 04693-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-3(0-5)

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 02:34:11 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	3887	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12261	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7444	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	13095	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	16057	0.400	ng	# 0.00
35) Perylene-d12	23.984	264	16843	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3926	0.339	ng	0.00
5) Phenol-d6	7.091	99	4663	0.319	ng	0.00
8) Nitrobenzene-d5	9.123	82	3518	0.337	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	5632	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1049	0.308	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	8188	0.305	ng	0.00
27) Fluoranthene-d10	19.356	212	10032	0.305	ng	0.00
31) Terphenyl-d14	19.941	244	10575	0.282	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	210817	6.655	ng	98
12) 2-Methylnaphthalene	12.392	142	181908	8.208	ng	99
16) Acenaphthylene	14.298	152	486030	14.739	ng	99
17) Acenaphthene	14.630	154	55598	2.645	ng	95
18) Fluorene	15.606	166	227115	8.319	ng	# 94
25) Phenanthrene	17.368	178	1858626	52.647	ng	99
26) Anthracene	17.455	178	540613	16.201	ng	# 91
28) Fluoranthene	19.388	202	1435204	35.226	ng	99
30) Pyrene	19.755	202	2022583	34.351	ng	98
32) Benzo(a)anthracene	21.497	228	930392	17.028	ng	98
33) Chrysene	21.551	228	841378	15.979	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	3658	0.102	ng	# 86
36) Indeno(1,2,3-cd)pyrene	26.571	276	416485	7.351	ng	98
37) Benzo(b)fluoranthene	23.224	252	802191	14.747	ng	# 90
38) Benzo(k)fluoranthene	23.268	252	297097m	5.385	ng	
39) Benzo(a)pyrene	23.876	252	776512m	15.097	ng	
40) Dibenzo(a,h)anthracene	26.580	278	129389	2.792	ng	97
41) Benzo(g,h,i)perylene	27.390	276	444836	9.351	ng	96

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

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