

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028218.D
 Acq On : 11 Oct 2023 04:46
 Operator : MA/JU
 Sample : 04704-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 R-4(5-10)

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 05:50:34 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	7.922	152	3593	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	11313	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	8421	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	12175	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	8709m	0.400	ng	0.00
35) Perylene-d12	23.987	264	21852	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	1707	0.159	ng	0.00
5) Phenol-d6	7.084	99	2699	0.200	ng	0.00
8) Nitrobenzene-d5	9.112	82	2833	0.294	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	3702	0.221	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	380	0.099	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	5348	0.176	ng	0.00
27) Fluoranthene-d10	19.360	212	7148	0.234	ng	0.00
31) Terphenyl-d14	19.941	244	7965	0.392	ng	0.00
Target Compounds						
9) Naphthalene	10.789	128	1217604	41.655	ng	98
12) 2-Methylnaphthalene	12.392	142	333521	16.311	ng	99
16) Acenaphthylene	14.288	152	1214697	32.562	ng	99
17) Acenaphthene	14.630	154	259604	10.917	ng	99
18) Fluorene	15.606	166	682432	22.096	ng	# 96
25) Phenanthrene	17.368	178	3814046	116.199	ng	99
26) Anthracene	17.455	178	1554812	50.115	ng	# 95
28) Fluoranthene	19.393	202	3901040	102.982	ng	98
30) Pyrene	19.760	202	4716165	147.680	ng	96
32) Benzo(a)anthracene	21.506	228	2388136	80.585	ng	93
33) Chrysene	21.560	228	2197218	76.935	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	6758	0.347	ng	# 1
36) Indeno(1,2,3-cd)pyrene	26.586	276	1223720	16.649	ng	97
37) Benzo(b)fluoranthene	23.230	252	2346692	33.251	ng	# 89
38) Benzo(k)fluoranthene	23.271	252	906320m	12.661	ng	
39) Benzo(a)pyrene	23.885	252	2259089m	33.853	ng	
40) Dibenzo(a,h)anthracene	26.595	278	371691	6.182	ng	99
41) Benzo(g,h,i)perylene	27.410	276	1258331	20.388	ng	95

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

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