

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028223.D
 Acq On : 11 Oct 2023 07:46
 Operator : MA/JU
 Sample : 04767-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 Q-3(10-15)

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 08:14:51 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	3489	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	11147	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	5942	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	11729	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	11191	0.400	ng	# 0.00
35) Perylene-d12	23.987	264	15753	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	2805	0.270	ng	0.00
5) Phenol-d6	7.084	99	3142	0.239	ng	0.00
8) Nitrobenzene-d5	9.123	82	2881	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.320	152	3335	0.202	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	591	0.217	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	4494	0.210	ng	0.00
27) Fluoranthene-d10	19.356	212	5357	0.182	ng	0.00
31) Terphenyl-d14	19.941	244	5796	0.222	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	243229	8.445	ng	98
12) 2-Methylnaphthalene	12.392	142	28971	1.438	ng	99
16) Acenaphthylene	14.288	152	285050	10.829	ng	99
17) Acenaphthene	14.630	154	73030	4.352	ng	99
18) Fluorene	15.606	166	144429	6.627	ng	95
25) Phenanthrene	17.368	178	977688	30.919	ng	100
26) Anthracene	17.455	178	391668	13.104	ng	97
28) Fluoranthene	19.388	202	2104439	57.667	ng	99
30) Pyrene	19.755	202	1795690	43.759	ng	99
32) Benzo(a)anthracene	21.497	228	1127133	29.598	ng	98
33) Chrysene	21.560	228	949621	25.876	ng	97
36) Indeno(1,2,3-cd)pyrene	26.580	276	757657	14.299	ng	97
37) Benzo(b)fluoranthene	23.227	252	1359956	26.730	ng	# 89
38) Benzo(k)fluoranthene	23.273	252	517500m	10.028	ng	
39) Benzo(a)pyrene	23.879	252	1143620m	23.772	ng	
40) Dibenzo(a,h)anthracene	26.583	278	208622	4.813	ng	99
41) Benzo(g,h,i)perylene	27.399	276	737279	16.571	ng	95

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

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