

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028215.D
 Acq On : 11 Oct 2023 02:58
 Operator : MA/JU
 Sample : 04693-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-2(10-15)

Quant Time: Oct 11 03:29:55 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	3934	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	13062	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	6715	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	13161	0.400	ng	0.00
29) Chrysene-d12	21.515	240	12490	0.400	ng	0.00
35) Perylene-d12	23.975	264	15762	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3421	0.292	ng	0.00
5) Phenol-d6	7.084	99	3634	0.245	ng	0.00
8) Nitrobenzene-d5	9.123	82	2616	0.235	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	3419	0.177	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	662	0.215	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	4457	0.184	ng	0.00
27) Fluoranthene-d10	19.351	212	5191	0.157	ng	0.00
31) Terphenyl-d14	19.936	244	4620	0.159	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	37356	1.107	ng	99
12) 2-Methylnaphthalene	12.392	142	5745	0.243	ng	97
16) Acenaphthylene	14.288	152	40210	1.352	ng	99
17) Acenaphthene	14.630	154	14430	0.761	ng	99
18) Fluorene	15.606	166	20436	0.830	ng	98
25) Phenanthrene	17.356	178	404113	11.389	ng	99
26) Anthracene	17.455	178	137200	4.091	ng	99
28) Fluoranthene	19.384	202	1097232	26.795	ng	99
30) Pyrene	19.751	202	1043292	22.779	ng	98
32) Benzo(a)anthracene	21.497	228	655785	15.430	ng	99
33) Chrysene	21.551	228	557830	13.619	ng	98
34) Bis(2-ethylhexyl)phtha...	21.363	149	4193	0.150	ng	92
36) Indeno(1,2,3-cd)pyrene	26.563	276	416879	7.863	ng	97
37) Benzo(b)fluoranthene	23.215	252	761363	14.956	ng	# 89
38) Benzo(k)fluoranthene	23.259	252	285104m	5.522	ng	
39) Benzo(a)pyrene	23.867	252	639733m	13.290	ng	
40) Dibenzo(a,h)anthracene	26.574	278	101488	2.340	ng	99
41) Benzo(g,h,i)perylene	27.375	276	411630	9.246	ng	96

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

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