

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028185.D
 Acq On : 10 Oct 2023 06:50
 Operator : MA/JU
 Sample : 04740-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4

Quant Time: Oct 10 07:18:42 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 10/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4634	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	13819	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7034	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	14413	0.400	ng	0.00
29) Chrysene-d12	21.506	240	12905	0.400	ng	# 0.00
35) Perylene-d12	23.969	264	14095	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	1489	0.108	ng	0.00
5) Phenol-d6	7.091	99	1060	0.061	ng	0.00
8) Nitrobenzene-d5	9.123	82	3507	0.298	ng	0.00
11) 2-Methylnaphthalene-d10	12.321	152	6148	0.300	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	891	0.277	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	9183	0.362	ng	0.00
27) Fluoranthene-d10	19.351	212	13133	0.363	ng	0.00
31) Terphenyl-d14	19.936	244	13634	0.453	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.959	266	702	0.189	ng	92
25) Phenanthrene	17.356	178	1331	0.034	ng	# 83
26) Anthracene	17.455	178	884	0.024	ng	# 50
28) Fluoranthene	19.379	202	3729	0.083	ng	99
30) Pyrene	19.746	202	3976	0.084	ng	97
32) Benzo(a)anthracene	21.488	228	3358	0.076	ng	# 71
33) Chrysene	21.551	228	3735	0.088	ng	# 79
34) Bis(2-ethylhexyl)phtha...	21.363	149	5949	0.206	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.545	276	3348	0.071	ng	99
37) Benzo(b)fluoranthene	23.209	252	6646	0.146	ng	# 57
38) Benzo(k)fluoranthene	23.256	252	2225m	0.048	ng	
39) Benzo(a)pyrene	23.855	252	3121	0.073	ng	# 34
41) Benzo(g,h,i)perylene	27.355	276	3536	0.089	ng	# 80

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

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