

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028391.D
 Acq On : 25 Oct 2023 01:26
 Operator : MA/JU
 Sample : 04938-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A-6(0-2)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 03:08:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	4662	0.400	ng	0.00
7) Naphthalene-d8	10.682	136	15321	0.400	ng	-0.02
13) Acenaphthene-d10	14.523	164	7432	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	11965	0.400	ng	#-0.01
29) Chrysene-d12	21.479	240	12279	0.400	ng	# 0.00
35) Perylene-d12	23.922	264	15855	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	2740	0.189	ng	0.00
5) Phenol-d6	7.055	99	4463	0.250	ng	0.00
8) Nitrobenzene-d5	9.070	82	3009	0.221	ng	-0.03
11) 2-Methylnaphthalene-d10	12.271	152	4805	0.209	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	728	0.201	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	6147	0.235	ng	-0.02
27) Fluoranthene-d10	19.318	212	5696	0.178	ng	0.00
31) Terphenyl-d14	19.904	244	5365	0.206	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.735	128	139082	3.500	ng	97
12) 2-Methylnaphthalene	12.343	142	30148	1.068	ng	# 95
16) Acenaphthylene	14.245	152	454297	13.604	ng	100
17) Acenaphthene	14.587	154	25229	1.199	ng	98
18) Fluorene	15.568	166	103910	3.751	ng	97
25) Phenanthrene	17.319	178	1426809	43.564	ng	100
26) Anthracene	17.418	178	474075	15.155	ng	98
28) Fluoranthene	19.351	202	2407679	58.516	ng	99
30) Pyrene	19.718	202	2150578	51.184	ng	99
32) Benzo(a)anthracene	21.462	228	1344189	30.815	ng	100
33) Chrysene	21.515	228	975442	23.364	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	172777	5.185	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.489	276	744498	11.647	ng	96
37) Benzo(b)fluoranthene	23.174	252	1442256	29.102	ng	# 88
38) Benzo(k)fluoranthene	23.215	252	556544m	11.039	ng	
39) Benzo(a)pyrene	23.817	252	1202184m	24.385	ng	
40) Dibenzo(a,h)anthracene	26.495	278	203008	3.912	ng	98
41) Benzo(g,h,i)perylene	27.299	276	707489	13.205	ng	94

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

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