

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028387.D
 Acq On : 24 Oct 2023 23:01
 Operator : MA/JU
 Sample : 04938-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A-1(0-2)

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 01:07:43 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	4642	0.400	ng	0.00
7) Naphthalene-d8	10.682	136	14506	0.400	ng	#-0.02
13) Acenaphthene-d10	14.523	164	7054	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	13463	0.400	ng	#-0.01
29) Chrysene-d12	21.480	240	14612	0.400	ng	0.00
35) Perylene-d12	23.923	264	16204	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.416	112	2683	0.186	ng	-0.01
5) Phenol-d6	7.048	99	3525	0.199	ng	0.00
8) Nitrobenzene-d5	9.080	82	2715	0.211	ng	-0.02
11) 2-Methylnaphthalene-d10	12.271	152	4369	0.200	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	607	0.176	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	5643	0.227	ng	-0.02
27) Fluoranthene-d10	19.314	212	6708	0.186	ng	-0.01
31) Terphenyl-d14	19.904	244	5217	0.168	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.735	128	74888	1.990	ng	97
12) 2-Methylnaphthalene	12.343	142	36905	1.380	ng	99
16) Acenaphthylene	14.245	152	144669	4.564	ng	99
17) Acenaphthene	14.587	154	8285	0.415	ng	# 90
18) Fluorene	15.569	166	49525	1.884	ng	94
25) Phenanthrene	17.319	178	463369	12.574	ng	100
26) Anthracene	17.418	178	139509	3.964	ng	# 94
28) Fluoranthene	19.346	202	562164	12.142	ng	99
30) Pyrene	19.713	202	695033	13.901	ng	99
32) Benzo(a)anthracene	21.462	228	384690	7.411	ng	100
33) Chrysene	21.515	228	332308	6.689	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	43442	1.096	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.487	276	241791	3.701	ng	97
37) Benzo(b)fluoranthene	23.171	252	439323	8.674	ng	# 89
38) Benzo(k)fluoranthene	23.212	252	150248m	2.916	ng	
39) Benzo(a)pyrene	23.814	252	367698m	7.298	ng	
40) Dibenzo(a,h)anthracene	26.487	278	67910	1.280	ng	99
41) Benzo(g,h,i)perylene	27.288	276	254837	4.654	ng	95

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

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