

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
 Data File : BN025315.D
 Acq On : 06 May 2023 14:45
 Operator : CG/JU
 Sample : 02588-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PILE-B-UNK-05022023

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 08 04:00:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 08 02:37:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	5626	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	18692	0.400	ng	-0.01
13) Acenaphthene-d10	14.555	164	11944	0.400	ng	0.00
19) Phenanthrene-d10	17.299	188	28369	0.400	ng	#-0.01
29) Chrysene-d12	21.491	240	27639	0.400	ng	#-0.02
35) Perylene-d12	23.930	264	26591	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	3964	0.289	ng	0.00
5) Phenol-d6	7.081	99	4997	0.291	ng	0.00
8) Nitrobenzene-d5	9.084	82	3463	0.225	ng	-0.01
11) 2-Methylnaphthalene-d10	12.309	152	7117	0.279	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	1641	0.269	ng	-0.01
15) 2-Fluorobiphenyl	13.176	172	10819	0.264	ng	-0.01
27) Fluoranthene-d10	19.334	212	19495	0.278	ng	0.00
31) Terphenyl-d14	19.928	244	14561	0.261	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.771	128	21988	0.459	ng	99
12) 2-Methylnaphthalene	12.381	142	8318	0.245	ng	99
16) Acenaphthylene	14.277	152	10535	0.197	ng	97
17) Acenaphthene	14.609	154	4478	0.135	ng	96
18) Fluorene	15.603	166	8284	0.182	ng	# 96
25) Phenanthrene	17.336	178	107705	1.372	ng	100
26) Anthracene	17.435	178	22782	0.310	ng	99
28) Fluoranthene	19.363	202	210994	2.151	ng	99
30) Pyrene	19.726	202	186792	1.977	ng	# 96
32) Benzo(a)anthracene	21.482	228	98383	1.053	ng	98
33) Chrysene	21.527	228	96747	1.040	ng	96
34) Bis(2-ethylhexyl)phtha...	21.392	149	38372	0.523	ng	# 73
36) Indeno(1,2,3-cd)pyrene	26.468	276	44385	0.416	ng	95
37) Benzo(b)fluoranthene	23.188	252	116471	1.382	ng	97
38) Benzo(k)fluoranthene	23.232	252	42807m	0.485	ng	
39) Benzo(a)pyrene	23.825	252	80814	0.936	ng	97
40) Dibenzo(a,h)anthracene	26.474	278	11199	0.133	ng	# 63
41) Benzo(g,h,i)perylene	27.258	276	43454	0.470	ng	97

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

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