

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
 Data File : BN025341.D
 Acq On : 08 May 2023 20:10
 Operator : CG/JU
 Sample : 02588-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023

Quant Time: May 09 04:04:05 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 18:27:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	5497	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	17654	0.400	ng	0.00
13) Acenaphthene-d10	14.544	164	11231	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	25269	0.400	ng	0.00
29) Chrysene-d12	21.495	240	25813	0.400	ng	0.00
35) Perylene-d12	23.914	264	26303	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	3312	0.248	ng	0.00
5) Phenol-d6	7.080	99	4367	0.260	ng	0.00
8) Nitrobenzene-d5	9.073	82	2920	0.201	ng	-0.01
11) 2-Methylnaphthalene-d10	12.302	152	5336	0.221	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	1239	0.216	ng	-0.01
15) 2-Fluorobiphenyl	13.176	172	8091	0.210	ng	0.00
27) Fluoranthene-d10	19.329	212	12179	0.195	ng	0.00
31) Terphenyl-d14	19.924	244	9401	0.181	ng	0.00
Target Compounds						
						Qvalue
9) Naphthalene	10.760	128	33669	0.743	ng	99
12) 2-Methylnaphthalene	12.377	142	11344	0.354	ng	99
16) Acenaphthylene	14.266	152	10430	0.207	ng	99
17) Acenaphthene	14.608	154	2679	0.086	ng	97
18) Fluorene	15.603	166	4855	0.113	ng	# 95
25) Phenanthrene	17.336	178	58353	0.835	ng	99
26) Anthracene	17.435	178	13275	0.203	ng	98
28) Fluoranthene	19.359	202	130868	1.498	ng	99
30) Pyrene	19.722	202	120323	1.364	ng	# 96
32) Benzo(a)anthracene	21.477	228	68548	0.786	ng	97
33) Chrysene	21.531	228	71682	0.825	ng	97
34) Bis(2-ethylhexyl)phtha...	21.387	149	9970	0.146	ng	98
36) Indeno(1,2,3-cd)pyrene	26.426	276	34899	0.331	ng	95
37) Benzo(b)fluoranthene	23.177	252	86703	1.040	ng	# 96
38) Benzo(k)fluoranthene	23.218	252	33851m	0.388	ng	
39) Benzo(a)pyrene	23.806	252	61475	0.720	ng	97
40) Dibenzo(a,h)anthracene	26.437	278	9077	0.109	ng	# 56
41) Benzo(g,h,i)perylene	27.206	276	33824	0.370	ng	96

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

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