

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050923\
 Data File : BN025364.D
 Acq On : 09 May 2023 13:17
 Operator : CG/JU
 Sample : 02588-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/10/2023
 Supervised By :Jagrut Upadhyay 05/10/2023

Quant Time: May 10 03:58:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 10:18:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	6065	0.400	ng	0.00
7) Naphthalene-d8	10.707	136	20792	0.400	ng	# 0.00
13) Acenaphthene-d10	14.544	164	12348	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	27138	0.400	ng	0.00
29) Chrysene-d12	21.486	240	25681	0.400	ng	# 0.00
35) Perylene-d12	23.920	264	21602	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.455	112	4067	0.275	ng	0.00
5) Phenol-d6	7.073	99	4782	0.258	ng	0.00
8) Nitrobenzene-d5	9.084	82	3687	0.216	ng	0.01
11) 2-Methylnaphthalene-d10	12.302	152	7749	0.273	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	1597	0.253	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	11483	0.271	ng	0.00
27) Fluoranthene-d10	19.325	212	19079	0.284	ng	0.00
31) Terphenyl-d14	19.920	244	14269	0.276	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.760	128	24630	0.462	ng	99
12) 2-Methylnaphthalene	12.373	142	9058	0.240	ng	99
16) Acenaphthylene	14.266	152	9601	0.174	ng	99
17) Acenaphthene	14.608	154	4569	0.133	ng	96
18) Fluorene	15.592	166	8323	0.177	ng	# 97
25) Phenanthrene	17.336	178	106250	1.415	ng	100
26) Anthracene	17.422	178	21850	0.311	ng	99
28) Fluoranthene	19.355	202	206728	2.204	ng	99
30) Pyrene	19.717	202	182946	2.084	ng	96
32) Benzo(a)anthracene	21.468	228	93474	1.077	ng	98
33) Chrysene	21.522	228	91161	1.055	ng	98
34) Bis(2-ethylhexyl)phtha...	21.387	149	14389	0.211	ng	97
36) Indeno(1,2,3-cd)pyrene	26.461	276	37809	0.437	ng	95
37) Benzo(b)fluoranthene	23.183	252	103672	1.514	ng	98
38) Benzo(k)fluoranthene	23.224	252	38161m	0.532	ng	
39) Benzo(a)pyrene	23.818	252	65073	0.928	ng	96
40) Dibenzo(a,h)anthracene	26.466	278	9118	0.133	ng	# 77
41) Benzo(g,h,i)perylene	27.238	276	35337	0.471	ng	100

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

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