

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040522\
 Data File : BN019359.D
 Acq On : 05 Apr 2022 20:40
 Operator : CG/JU
 Sample : N2220-14 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A06015

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/06/2022
 Supervised By : Jagrut Upadhyay 04/07/2022

Quant Time: Apr 06 02:32:08 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	3112	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	10086	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	7218	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	16487	0.400	ng	# 0.00
29) Chrysene-d12	21.386	240	16397	0.400	ng	# 0.00
35) Perylene-d12	23.735	264	15597	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	589	0.071	ng	0.00
5) Phenol-d6	7.002	99	533	0.053	ng	0.01
8) Nitrobenzene-d5	9.003	82	409m	0.045	ng	0.02
11) 2-Methylnaphthalene-d10	12.223	152	1235	0.070	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	249	0.057	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	1839	0.061	ng	0.00
27) Fluoranthene-d10	19.232	212	4069	0.077	ng	0.00
31) Terphenyl-d14	19.830	244	2522	0.071	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	4153	0.139	ng	# 94
12) 2-Methylnaphthalene	12.299	142	2444	0.118	ng	93
16) Acenaphthylene	14.185	152	11987	0.335	ng	99
17) Acenaphthene	14.527	154	5614	0.236	ng	99
18) Fluorene	15.511	166	7820	0.249	ng	# 99
25) Phenanthrene	17.246	178	184492	3.335	ng	100
26) Anthracene	17.338	178	33689	0.693	ng	99
28) Fluoranthene	19.261	202	346585	5.283	ng	99
30) Pyrene	19.624	202	299807	3.930	ng	# 96
32) Benzo(a)anthracene	21.369	228	157369	2.597	ng	98
33) Chrysene	21.422	228	151162	2.246	ng	98
34) Bis(2-ethylhexyl)phtha...	21.297	149	8565	0.190	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.156	276	84644	1.297	ng	# 89
37) Benzo(b)fluoranthene	23.021	252	209051	3.420	ng	97
38) Benzo(k)fluoranthene	23.065	252	72346m	1.133	ng	
39) Benzo(a)pyrene	23.632	252	129556m	2.359	ng	
40) Dibenzo(a,h)anthracene	26.161	278	18076	0.358	ng	# 91
41) Benzo(g,h,i)perylene	26.898	276	88327	1.459	ng	98

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

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