

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029120.D
 Acq On : 08 Dec 2023 09:54
 Operator : MA/JU
 Sample : 05611-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PE-5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 10:35:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	1493	0.400	ng	0.04
7) Naphthalene-d8	10.605	136	3090	0.400	ng	0.04
13) Acenaphthene-d10	14.439	164	1936	0.400	ng	0.04
19) Phenanthrene-d10	17.184	188	4152	0.400	ng	# 0.04
29) Chrysene-d12	21.383	240	2433	0.400	ng	# 0.04
35) Perylene-d12	23.728	264	2184	0.400	ng	# 0.06
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	609	0.180	ng	0.03
5) Phenol-d6	7.024	99	679	0.168	ng	0.04
8) Nitrobenzene-d5	8.993	82	646	0.173	ng	0.05
11) 2-Methylnaphthalene-d10	12.189	152	984	0.152	ng	0.04
14) 2,4,6-Tribromophenol	15.930	330	282	0.132	ng	0.04
15) 2-Fluorobiphenyl	13.070	172	2032	0.203	ng	0.04
27) Fluoranthene-d10	19.218	212	1976	0.151	ng	0.03
31) Terphenyl-d14	19.826	244	1491	0.242	ng	0.03
Target Compounds						Qvalue
9) Naphthalene	10.648	128	749	0.078	ng	# 85
12) 2-Methylnaphthalene	12.261	142	403	0.051	ng	95
16) Acenaphthylene	14.161	152	756	0.071	ng	99
17) Acenaphthene	14.503	154	3380	0.506	ng	98
18) Fluorene	15.487	166	4029	0.378	ng	99
25) Phenanthrene	17.221	178	80735	5.825	ng	99
26) Anthracene	17.320	178	22655	1.691	ng	96
28) Fluoranthene	19.250	202	193905	10.177	ng	# 99
30) Pyrene	19.613	202	152225	10.093	ng	# 95
32) Benzo(a)anthracene	21.365	228	68824	5.577	ng	100
33) Chrysene	21.418	228	50798	4.184	ng	99
34) Bis(2-ethylhexyl)phtha...	21.311	149	4125	0.542	ng	95
36) Indeno(1,2,3-cd)pyrene	26.149	276	27123	2.435	ng	99
37) Benzo(b)fluoranthene	23.020	252	62457	5.327	ng	92
38) Benzo(k)fluoranthene	23.061	252	24081m	2.190	ng	
39) Benzo(a)pyrene	23.626	252	42498m	4.380	ng	
40) Dibenzo(a,h)anthracene	26.169	278	6976	0.812	ng	92
41) Benzo(g,h,i)perylene	26.897	276	23923	2.546	ng	98

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

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