

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028204.D
 Acq On : 10 Oct 2023 19:16
 Operator : MA/JU
 Sample : 04704-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-4(0-5)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 02:33:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	3927	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12246	0.400	ng	0.00
13) Acenaphthene-d10	14.565	164	6508	0.400	ng	0.00
19) Phenanthrene-d10	17.318	188	12935	0.400	ng	0.00
29) Chrysene-d12	21.515	240	12622	0.400	ng	# 0.00
35) Perylene-d12	23.984	264	14739	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	2270	0.194	ng	0.00
5) Phenol-d6	7.091	99	3062	0.207	ng	0.00
8) Nitrobenzene-d5	9.123	82	2522	0.242	ng	0.00
11) 2-Methylnaphthalene-d10	12.320	152	3781	0.208	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	385	0.129	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	5307	0.226	ng	0.00
27) Fluoranthene-d10	19.351	212	6291	0.194	ng	0.00
31) Terphenyl-d14	19.941	244	5958	0.202	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.788	128	37400	1.182	ng	99
12) 2-Methylnaphthalene	12.392	142	13861	0.626	ng	97
16) Acenaphthylene	14.287	152	160910	5.581	ng	100
17) Acenaphthene	14.630	154	14876	0.809	ng	98
18) Fluorene	15.606	166	28490	1.194	ng	89
25) Phenanthrene	17.356	178	263728	7.563	ng	99
26) Anthracene	17.455	178	147868	4.486	ng	96
28) Fluoranthene	19.383	202	499519	12.412	ng	99
30) Pyrene	19.755	202	687387	14.852	ng	98
32) Benzo(a)anthracene	21.497	228	354886	8.263	ng	98
33) Chrysene	21.551	228	310313	7.497	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	62963	2.229	ng	100
36) Indeno(1,2,3-cd)pyrene	26.568	276	172371	3.477	ng	97
37) Benzo(b)fluoranthene	23.224	252	341211	7.168	ng	92
38) Benzo(k)fluoranthene	23.267	252	116786m	2.419	ng	
39) Benzo(a)pyrene	23.873	252	307852	6.839	ng	# 86
40) Dibenzo(a,h)anthracene	26.580	278	54640	1.347	ng	# 87
41) Benzo(g,h,i)perylene	27.384	276	186866	4.489	ng	97

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

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