

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028203.D
 Acq On : 10 Oct 2023 18:39
 Operator : MA/JU
 Sample : 04657-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-1(0-2IN)

Quant Time: Oct 11 02:33:22 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4228	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	13108	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7213	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	14172	0.400	ng	0.00
29) Chrysene-d12	21.515	240	15142	0.400	ng	# 0.00
35) Perylene-d12	23.984	264	18902	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3719	0.295	ng	0.00
5) Phenol-d6	7.091	99	4449	0.280	ng	0.00
8) Nitrobenzene-d5	9.123	82	3539	0.317	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	4873	0.251	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	857	0.259	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	6762	0.260	ng	0.00
27) Fluoranthene-d10	19.356	212	8046	0.226	ng	0.00
31) Terphenyl-d14	19.941	244	8505	0.241	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	135166	3.991	ng	98
12) 2-Methylnaphthalene	12.392	142	24275	1.025	ng	# 89
16) Acenaphthylene	14.288	152	680868	21.308	ng	100
17) Acenaphthene	14.630	154	35819	1.759	ng	99
18) Fluorene	15.606	166	81787	3.092	ng	89
25) Phenanthrene	17.356	178	812615	21.269	ng	100
26) Anthracene	17.455	178	516548	14.303	ng	98
28) Fluoranthene	19.388	202	2285052	51.822	ng	99
30) Pyrene	19.755	202	2202641	39.670	ng	99
32) Benzo(a)anthracene	21.497	228	1631764	31.669	ng	98
33) Chrysene	21.560	228	1244466	25.062	ng	97
34) Bis(2-ethylhexyl)phtha...	21.372	149	15664	0.462	ng	# 90
36) Indeno(1,2,3-cd)pyrene	26.577	276	947986	14.910	ng	97
37) Benzo(b)fluoranthene	23.227	252	1802939	29.534	ng	# 89
38) Benzo(k)fluoranthene	23.270	252	770770m	12.448	ng	
39) Benzo(a)pyrene	23.879	252	1555136m	26.941	ng	
40) Dibenzo(a,h)anthracene	26.586	278	275896	5.305	ng	97
41) Benzo(g,h,i)perylene	27.393	276	887412	16.622	ng	95

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

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