

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028224.D
 Acq On : 11 Oct 2023 08:22
 Operator : MA/JU
 Sample : 04767-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 Q-2(5-10)

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 08:55:09 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	7.922	152	3583	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	11381	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	6817	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	12270	0.400	ng	0.00
29) Chrysene-d12	21.515	240	10760	0.400	ng	# 0.00
35) Perylene-d12	23.978	264	12808	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	2656	0.249	ng	0.00
5) Phenol-d6	7.084	99	3899	0.289	ng	0.00
8) Nitrobenzene-d5	9.112	82	2744	0.283	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	4612	0.274	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	526	0.168	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	6237	0.254	ng	0.00
27) Fluoranthene-d10	19.356	212	8429	0.274	ng	0.00
31) Terphenyl-d14	19.941	244	7238	0.288	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	92273	3.138	ng	99
12) 2-Methylnaphthalene	12.392	142	27378	1.331	ng	99
16) Acenaphthylene	14.288	152	90737	3.005	ng	99
17) Acenaphthene	14.630	154	7490	0.389	ng	93
18) Fluorene	15.606	166	18096	0.724	ng	# 89
25) Phenanthrene	17.356	178	192288	5.813	ng	99
26) Anthracene	17.455	178	68411	2.188	ng	97
28) Fluoranthene	19.384	202	296400	7.764	ng	100
30) Pyrene	19.751	202	258582	6.554	ng	100
32) Benzo(a)anthracene	21.497	228	154876	4.230	ng	97
33) Chrysene	21.551	228	125236	3.549	ng	95
34) Bis(2-ethylhexyl)phtha...	21.372	149	4088	0.170	ng	# 78
36) Indeno(1,2,3-cd)pyrene	26.568	276	145055	3.367	ng	96
37) Benzo(b)fluoranthene	23.218	252	203922	4.930	ng	92
38) Benzo(k)fluoranthene	23.265	252	72239m	1.722	ng	
39) Benzo(a)pyrene	23.870	252	153332	3.920	ng	# 89
40) Dibenzo(a,h)anthracene	26.580	278	33143	0.940	ng	# 82
41) Benzo(g,h,i)perylene	27.384	276	170530	4.714	ng	97

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

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