

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028259.D
 Acq On : 12 Oct 2023 07:39
 Operator : MA/JU
 Sample : 04805-02MS 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B-1(0-5)MS

Quant Time: Oct 12 08:08:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 06:39:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.914	152	40299	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	141343	0.400	ng	# 0.00
13) Acenaphthene-d10	14.566	164	82603	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	174625	0.400	ng	0.00
29) Chrysene-d12	21.533	240	135881	0.400	ng	# 0.02
35) Perylene-d12	24.013	264	156326	0.400	ng	# 0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.452	112	730	0.006	ng	-0.01
5) Phenol-d6	7.084	99	924	0.006	ng	0.00
8) Nitrobenzene-d5	9.112	82	935	0.008	ng	-0.01
11) 2-Methylnaphthalene-d10	12.313	152	1210	0.006	ng	-0.01
14) 2,4,6-Tribromophenol	16.065	330	265	0.007	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	1688	0.006	ng	0.00
27) Fluoranthene-d10	19.365	212	1289	0.003	ng	0.00
31) Terphenyl-d14	19.932	244	6307m	0.020	ng	0.00
Target Compounds						
9) Naphthalene	10.778	128	457213	1.252	ng	99
12) 2-Methylnaphthalene	12.389	142	189761	0.743	ng	100
16) Acenaphthylene	14.288	152	848129	2.318	ng	100
17) Acenaphthene	14.630	154	315085	1.351	ng	99
18) Fluorene	15.606	166	667801	2.204	ng	96
24) Pentachlorophenol	16.971	266	3077	0.068	ng	97
25) Phenanthrene	17.368	178	4853219	10.309	ng	99
26) Anthracene	17.455	178	1877803	4.220	ng	98
28) Fluoranthene	19.402	202	7818583	14.390	ng	97
30) Pyrene	19.769	202	7177849	14.406	ng	98
32) Benzo(a)anthracene	21.515	228	3840812	8.307	ng	97
33) Chrysene	21.569	228	3376360	7.577	ng	97
34) Bis(2-ethylhexyl)phtha...	21.372	149	10396	0.034	ng	# 30
36) Indeno(1,2,3-cd)pyrene	26.627	276	2258132	4.294	ng	97
37) Benzo(b)fluoranthene	23.253	252	4432393	8.779	ng	# 89
38) Benzo(k)fluoranthene	23.294	252	1753080m	3.423	ng	
39) Benzo(a)pyrene	23.908	252	3597277m	7.535	ng	
40) Dibenzo(a,h)anthracene	26.627	278	609947	1.418	ng	99
41) Benzo(g,h,i)perylene	27.451	276	2099781	4.756	ng	96

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

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