

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
 Data File : BN037182.D
 Acq On : 05 Jun 2025 16:21
 Operator : RC/JU
 Sample : PB168286BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB168286BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 06/06/2025
 Supervised By :Jagrut Upadhyay 06/06/2025

Quant Time: Jun 05 17:01:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2072	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5107	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2443	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4074	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2362	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2229	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1880	0.367	ng	0.00
5) Phenol-d6	6.773	99	2231	0.359	ng	0.00
8) Nitrobenzene-d5	8.739	82	1885	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2741m	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	300	0.305	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3936	0.378	ng	0.00
27) Fluoranthene-d10	19.026	212	3150	0.304	ng	0.00
31) Terphenyl-d14	19.635	244	2031	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	1103	0.399	ng	# 23
3) n-Nitrosodimethylamine	3.429	42	2040	0.368	ng	99
6) bis(2-Chloroethyl)ether	7.026	93	2012	0.340	ng	95
9) Naphthalene	10.415	128	4997	0.339	ng	100
10) Hexachlorobutadiene	10.714	225	1165	0.363	ng	# 100
12) 2-Methylnaphthalene	12.042	142	2842	0.301	ng	98
16) Acenaphthylene	13.957	152	4682	0.391	ng	100
17) Acenaphthene	14.299	154	2768	0.356	ng	99
18) Fluorene	15.293	166	3450	0.337	ng	100
20) 4,6-Dinitro-2-methylph...	15.389	198	298	0.524	ng	# 67
21) 4-Bromophenyl-phenylether	16.189	248	963	0.361	ng	98
22) Hexachlorobenzene	16.301	284	1084	0.376	ng	98
23) Atrazine	16.462	200	769	0.349	ng	99
24) Pentachlorophenol	16.649	266	556	0.537	ng	99
25) Phenanthrene	17.033	178	4685	0.355	ng	99
26) Anthracene	17.120	178	4323	0.359	ng	99
28) Fluoranthene	19.054	202	4321	0.296	ng	99
30) Pyrene	19.421	202	4321	0.375	ng	100
32) Benzo(a)anthracene	21.171	228	3133	0.366	ng	98
33) Chrysene	21.224	228	3555	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.117	149	1853	0.343	ng	99
36) Indeno(1,2,3-cd)pyrene	25.579	276	3777	0.426	ng	99
37) Benzo(b)fluoranthene	22.725	252	3171	0.352	ng	92
38) Benzo(k)fluoranthene	22.769	252	3407	0.371	ng	93
39) Benzo(a)pyrene	23.284	252	2920	0.387	ng	95
40) Dibenzo(a,h)anthracene	25.590	278	2933	0.429	ng	97
41) Benzo(g,h,i)perylene	26.248	276	3292	0.419	ng	99

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

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