

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025468.D
 Acq On : 18 Aug 2025 19:39
 Operator : CG/JU
 Sample : Q2832-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TG-S04

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/19/2025
 Supervised By :Jagrut Upadhyay 08/19/2025

Quant Time: Aug 19 01:09:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	164690	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	657475	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	417913	20.000	ng	0.00
64) Phenanthrene-d10	17.195	188	832801	20.000	ng	0.00
76) Chrysene-d12	21.624	240	885684	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1055308	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	189368	19.095	ng	0.00
7) Phenol-d6	6.966	99	244099	19.199	ng	0.00
23) Nitrobenzene-d5	8.925	82	157759	12.138	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	105717	18.794	ng	0.00
45) 2-Fluorobiphenyl	13.013	172	389890	12.750	ng	0.00
79) Terphenyl-d14	19.919	244	625886	12.929	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.119	152	406656	10.401	ng	99
71) Phenanthrene	17.236	178	516366	11.287	ng	100
72) Anthracene	17.331	178	627288	13.427	ng	100
73) Carbazole	17.607	167	145506	3.307	ng	99
75) Fluoranthene	19.319	202	2533157	46.420	ng	99
78) Pyrene	19.695	202	2459371	42.722	ng	100
81) Benzo(a)anthracene	21.607	228	1711450	29.300	ng	96
83) Chrysene	21.677	228	1756967	32.119	ng	97
87) Indeno(1,2,3-cd)pyrene	28.836	276	1070327	13.830	ng	# 89
88) Benzo(b)fluoranthene	23.948	252	2596346	41.723	ng	99
89) Benzo(k)fluoranthene	24.007	252	974426m	15.648	ng	
90) Benzo(a)pyrene	24.848	252	1365210	22.538	ng	98
91) Dibenzo(a,h)anthracene	28.895	278	312826	4.946	ng	94
92) Benzo(g,h,i)perylene	30.000	276	944424	15.191	ng	99

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

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