

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072225\
 Data File : BP025216.D
 Acq On : 22 Jul 2025 15:59
 Operator : CG/JU
 Sample : Q2638-11RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-36-071725RE

Quant Time: Jul 22 16:36:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 22 02:55:21 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/23/2025
 Supervised By :Jagrut Upadhyay 07/23/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	1303058	20.000	ng	0.01
21) Naphthalene-d8	10.184	136	4916558	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	2932051	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	5293009	20.000	ng	0.00
76) Chrysene-d12	21.336	240	5041029	20.000	ng	0.01
86) Perylene-d12	24.483	264	5921704	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.119	112	4684975	60.749	ng	0.02
7) Phenol-d6	6.649	99	5663577	59.294	ng	0.01
23) Nitrobenzene-d5	8.566	82	3563531	40.280	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	2632808	60.910	ng	0.00
45) 2-Fluorobiphenyl	12.684	172	8346644	40.133	ng	0.00
79) Terphenyl-d14	19.666	244	10716235	41.964	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.795	152	636941	2.373	ng	100
71) Phenanthrene	16.930	178	617965	2.165	ng	99
75) Fluoranthene	19.042	202	2014194	5.995	ng	100
78) Pyrene	19.419	202	2453628	7.894	ng	98
81) Benzo(a)anthracene	21.319	228	1808797m	5.682	ng	
83) Chrysene	21.377	228	2048002m	6.892	ng	
87) Indeno(1,2,3-cd)pyrene	28.000	276	1532684	3.542	ng	# 94
88) Benzo(b)fluoranthene	23.489	252	2488989	7.343	ng	# 95
89) Benzo(k)fluoranthene	23.554	252	823071m	2.460	ng	
90) Benzo(a)pyrene	24.330	252	2132127	6.447	ng	96
92) Benzo(g,h,i)perylene	29.089	276	1495248	4.310	ng	97

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

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