

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142173.D
 Acq On : 28 Mar 2025 21:30
 Operator : RC/JU
 Sample : Q1642-01DL 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-1-032525DL

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

Quant Time: Mar 28 22:50:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	126835	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	480216	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	231584	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	317045	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	268656	20.000	ng	0.00
86) Perylene-d12	15.509	264	200675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	72793	9.578	ng	-0.01
7) Phenol-d6	6.487	99	88063	9.101	ng	-0.02
23) Nitrobenzene-d5	7.428	82	53799	6.305	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	19716	6.711	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	112953	7.418	ng	-0.01
79) Terphenyl-d14	12.974	244	92599	5.096	ng	-0.01
Target Compounds						Qvalue
52) Acenaphthene	9.939	154	43239	3.161	ng	95
58) Fluorene	10.457	166	42850	2.843	ng	99
71) Phenanthrene	11.422	178	467543	27.302	ng	98
72) Anthracene	11.469	178	104593	6.088	ng	97
73) Carbazole	11.627	167	45646	3.081	ng	98
75) Fluoranthene	12.610	202	639661	35.213	ng	99
78) Pyrene	12.839	202	527743	22.709	ng	99
81) Benzo(a)anthracene	14.021	228	228046	12.936	ng	98
83) Chrysene	14.057	228	201716	12.623	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	28142	2.244	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.998	276	67377	5.190	ng	# 92
88) Benzo(b)fluoranthene	15.080	252	204967m	14.903	ng	
89) Benzo(k)fluoranthene	15.098	252	52883m	4.493	ng	
90) Benzo(a)pyrene	15.445	252	118300	10.993	ng	98
92) Benzo(g,h,i)perylene	17.445	276	63760	6.024	ng	96

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

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