

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141544.D
 Acq On : 10 Feb 2025 19:27
 Operator : RC/JU
 Sample : Q1288-01DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-020425DL

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/11/2025
 Supervised By :Jagrut Upadhyay 02/11/2025

Quant Time: Feb 11 00:08:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	83724	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	329944	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	172279	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	260219	20.000	ng	0.00
76) Chrysene-d12	13.957	240	199461	20.000	ng	0.00
86) Perylene-d12	15.415	264	191750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	320295	59.976	ng	0.00
7) Phenol-d6	6.422	99	404832	59.977	ng	-0.02
23) Nitrobenzene-d5	7.345	82	261568	41.349	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	93869	54.240	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	480312	42.953	ng	0.00
79) Terphenyl-d14	12.892	244	418017	35.380	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.092	128	40659	2.367	ng	# 85
37) 2-Methylnaphthalene	8.780	142	51647	4.621	ng	100
38) 1-Methylnaphthalene	8.880	142	37558	3.470	ng	94
52) Acenaphthene	9.857	154	31154	3.154	ng	# 87
58) Fluorene	10.369	166	37350	3.332	ng	# 89
71) Phenanthrene	11.333	178	503519	35.152	ng	99
72) Anthracene	11.386	178	94850	6.587	ng	98
73) Carbazole	11.539	167	31322	2.418	ng	# 80
75) Fluoranthene	12.527	202	664231	43.739	ng	99
78) Pyrene	12.751	202	605794	35.678	ng	99
81) Benzo(a)anthracene	13.945	228	333254	25.134	ng	98
83) Chrysene	13.980	228	263346	21.511	ng	96
87) Indeno(1,2,3-cd)pyrene	16.851	276	98556	8.318	ng	99
88) Benzo(b)fluoranthene	14.998	252	303239m	23.552	ng	
89) Benzo(k)fluoranthene	15.009	252	138943m	12.638	ng	
90) Benzo(a)pyrene	15.357	252	221953	21.305	ng	97
91) Dibenzo(a,h)anthracene	16.856	278	27373	2.851	ng	# 78
92) Benzo(g,h,i)perylene	17.286	276	92075	9.165	ng	99

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

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