

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142064.D
 Acq On : 24 Mar 2025 19:53
 Operator : RC/JU
 Sample : Q1626-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-32-1

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/25/2025
 Supervised By :Jagrut Upadhyay 03/25/2025

Quant Time: Mar 24 21:02:08 2025
 Quant Method : T:\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	6.875	152	116014	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	398449	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	182155	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	306975	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	317887	20.000	ng	0.00
86) Perylene-d12	15.515	264	212254	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	727995	104.728	ng	0.00
7) Phenol-d6	6.498	99	837047	94.576	ng	0.00
23) Nitrobenzene-d5	7.434	82	556905	78.656	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	258384	111.812	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1021571	85.291	ng	-0.01
79) Terphenyl-d14	12.980	244	1319807	61.383	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.422	178	342983	20.686	ng	99
72) Anthracene	11.469	178	94213	5.664	ng	99
73) Carbazole	11.627	167	28870	2.012	ng	94
75) Fluoranthene	12.610	202	717968	40.821	ng	99
78) Pyrene	12.839	202	661927	24.072	ng	98
81) Benzo(a)anthracene	14.027	228	394783	18.925	ng	95
83) Chrysene	14.063	228	311853	16.492	ng	96
84) Bis(2-ethylhexyl)phtha...	14.015	149	102882	6.933	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.004	276	136796	9.963	ng	# 92
88) Benzo(b)fluoranthene	15.080	252	327231m	22.495	ng	
89) Benzo(k)fluoranthene	15.098	252	119682m	9.614	ng	
90) Benzo(a)pyrene	15.451	252	215459	18.929	ng	# 92
91) Dibenzo(a,h)anthracene	17.009	278	33040	2.917	ng	# 76
92) Benzo(g,h,i)perylene	17.451	276	145375	12.986	ng	98

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

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