

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126436.D
 Acq On : 31 Dec 2021 00:11
 Operator : JU/CG
 Sample : M5244-43
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-14C

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 31 05:38:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	94868	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	354572	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	166610	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	273288	20.000	ng	0.00
76) Chrysene-d12	13.963	240	206117	20.000	ng	0.00
86) Perylene-d12	15.398	264	158656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	500121	75.706	ng	0.00
7) Phenol-d6	6.428	99	603620	70.547	ng	0.00
23) Nitrobenzene-d5	7.357	82	399458	57.846	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	115780	89.928	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	572848	60.504	ng	0.00
79) Terphenyl-d14	12.910	244	547386	51.599	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	8.469	113	6921	6.220	ng	# 87
70) Pentachlorophenol	11.127	266	3030	2.209	ng	94
71) Phenanthrene	11.345	178	274435	19.642	ng	99
73) Carbazole	11.545	167	27722	2.025	ng	# 80
74) Di-n-butylphthalate	11.886	149	87330	5.603	ng	97
75) Fluoranthene	12.533	202	265746	20.840	ng	97
78) Pyrene	12.763	202	227942	13.086	ng	99
81) Benzo(a)anthracene	13.951	228	54860m	4.628	ng	
83) Chrysene	13.986	228	96805	7.962	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	79703	9.964	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	30647	2.886	ng	95
88) Benzo(b)fluoranthene	14.986	252	80511m	8.518	ng	
89) Benzo(k)fluoranthene	15.010	252	19954m	2.179	ng	
90) Benzo(a)pyrene	15.339	252	43446	5.482	ng	# 91
92) Benzo(g,h,i)perylene	17.239	276	31650	3.469	ng	# 93

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

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