

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140583.D
 Acq On : 22 Nov 2024 17:43
 Operator : RC/JU
 Sample : P4948-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11944

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 23 00:51:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	75120	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	242890	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	100128	20.000	ng	0.02
64) Phenanthrene-d10	11.469	188	100540m	20.000	ng	0.06
76) Chrysene-d12	14.098	240	120763	20.000	ng	# 0.05
86) Perylene-d12	15.562	264	114925	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	370743	84.207	ng	0.00
7) Phenol-d6	6.504	99	497396	85.456	ng	-0.01
23) Nitrobenzene-d5	7.434	82	286345	60.301	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	89977	84.022	ng	0.04
45) 2-Fluorobiphenyl	9.233	172	422604	62.885	ng	0.00
79) Terphenyl-d14	13.057	244	337687	43.542	ng	0.06
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.869	142	27152	3.417	ng	93
38) 1-Methylnaphthalene	8.969	142	16002	2.054	ng	91
46) 1,1'-Biphenyl	9.333	154	17892	2.393	ng	73
71) Phenanthrene	11.498	178	188419m	38.987	ng	
75) Fluoranthene	12.704	202	220053	41.937	ng	69
78) Pyrene	12.933	202	231793m	20.759	ng	
81) Benzo(a)anthracene	14.086	228	154815	19.366	ng	# 83
83) Chrysene	14.121	228	143872	19.682	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.045	149	39373	7.752	ng	# 63
87) Indeno(1,2,3-cd)pyrene	17.051	276	100704	13.446	ng	99
88) Benzo(b)fluoranthene	15.133	252	235061m	32.563	ng	
89) Benzo(k)fluoranthene	15.145	252	81989m	12.979	ng	
90) Benzo(a)pyrene	15.498	252	139557	23.777	ng	# 91
91) Dibenzo(a,h)anthracene	17.056	278	25223	4.112	ng	# 85
92) Benzo(g,h,i)perylene	17.509	276	98515	15.740	ng	97

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

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