

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140072.D
 Acq On : 26 Oct 2024 21:01
 Operator : RC/JU
 Sample : P4509-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-10232024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 28 01:10:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	144889	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	516739	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	237294	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	355263	20.000	ng	0.00
76) Chrysene-d12	14.051	240	240852	20.000	ng	0.00
86) Perylene-d12	15.527	264	186217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	283487	30.630	ng	0.00
7) Phenol-d6	6.504	99	346369	28.895	ng	0.00
23) Nitrobenzene-d5	7.445	82	220921	23.695	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	61755	27.823	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	389486	27.127	ng	-0.01
79) Terphenyl-d14	12.992	244	324385	21.946	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	76239	4.543	ng	99
75) Fluoranthene	12.621	202	136854	8.067	ng	98
78) Pyrene	12.851	202	121595	5.768	ng	99
81) Benzo(a)anthracene	14.039	228	69279	4.419	ng	93
83) Chrysene	14.074	228	60682m	4.221	ng	
87) Indeno(1,2,3-cd)pyrene	17.021	276	27296	2.278	ng	# 92
88) Benzo(b)fluoranthene	15.092	252	67746m	5.972	ng	
89) Benzo(k)fluoranthene	15.109	252	26721m	2.731	ng	
90) Benzo(a)pyrene	15.462	252	42272	4.529	ng	# 87
92) Benzo(g,h,i)perylene	17.474	276	27333	2.738	ng	# 90

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

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