

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092123\
 Data File : BF135390.D
 Acq On : 21 Sep 2023 20:19
 Operator : CG\JU
 Sample : 04397-02 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B103-06

Quant Time: Sep 22 05:59:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	121980	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	414560	20.000	ng	#-0.01
39) Acenaphthene-d10	9.798	164	137196	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	158890	20.000	ng	# 0.01
76) Chrysene-d12	13.957	240	186958	20.000	ng	# 0.01
86) Perylene-d12	15.415	264	179127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	180391	24.053	ng	0.00
7) Phenol-d6	6.404	99	219881	23.057	ng	0.00
23) Nitrobenzene-d5	7.316	82	119407	15.649	ng	-0.02
42) 2,4,6-Tribromophenol	10.598	330	23596	17.307	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	189685	20.859	ng	-0.01
79) Terphenyl-d14	12.904	244	131506	10.904	ng	0.01
Target Compounds						Qvalue
49) Acenaphthylene	9.657	152	30426	2.393	ng	# 8
71) Phenanthrene	11.328	178	49771	6.623	ng	# 49
75) Fluoranthene	12.533	202	117592	15.017	ng	89
78) Pyrene	12.763	202	117570	6.605	ng	# 89
81) Benzo(a)anthracene	13.951	228	55434m	4.592	ng	
83) Chrysene	13.986	228	101700	8.473	ng	97
84) Bis(2-ethylhexyl)phtha...	13.945	149	1595045	248.022	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	40596	3.457	ng	99
88) Benzo(b)fluoranthene	14.992	252	119226m	12.295	ng	
89) Benzo(k)fluoranthene	15.015	252	35788m	3.736	ng	
90) Benzo(a)pyrene	15.357	252	54672	5.912	ng	# 92
92) Benzo(g,h,i)perylene	17.345	276	38691	3.855	ng	97

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

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