

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135971.D
 Acq On : 26 Oct 2023 19:20
 Operator : CG\JU
 Sample : 04693-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2(10-15)

Quant Time: Oct 27 01:19:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2023
 Supervised By :mohammad ahmed 10/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	172007	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	662720	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	290408	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	429569	20.000	ng	0.00
76) Chrysene-d12	14.015	240	337057	20.000	ng	0.00
86) Perylene-d12	15.498	264	273343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1002232	89.974	ng	0.00
7) Phenol-d6	6.451	99	1216884	87.749	ng	0.00
23) Nitrobenzene-d5	7.386	82	627112	63.858	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	222612	87.576	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	963483	53.124	ng	0.00
79) Terphenyl-d14	12.951	244	649846	32.213	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.128	128	184484	5.758	ng	97
37) 2-Methylnaphthalene	8.816	142	73161	3.451	ng	99
38) 1-Methylnaphthalene	8.916	142	59135	2.985	ng	96
52) Acenaphthene	9.892	154	151529	9.208	ng	98
55) Dibenzofuran	10.063	168	116751	4.911	ng	97
58) Fluorene	10.410	166	212346	11.939	ng	100
71) Phenanthrene	11.386	178	2040100	93.871	ng	99
72) Anthracene	11.427	178	642658	28.880	ng	99
73) Carbazole	11.580	167	187765	9.459	ng	99
75) Fluoranthene	12.580	202	2088412	91.340	ng	98
78) Pyrene	12.810	202	2093655	73.979	ng	99
81) Benzo(a)anthracene	14.004	228	1184170	51.670	ng	98
83) Chrysene	14.039	228	1093867	49.006	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	315747	20.371	ng	94
88) Benzo(b)fluoranthene	15.062	252	938475m	57.691	ng	
89) Benzo(k)fluoranthene	15.086	252	295310m	18.484	ng	
90) Benzo(a)pyrene	15.433	252	675658	45.066	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	82402	6.215	ng	94
92) Benzo(g,h,i)perylene	17.456	276	285396	21.209	ng	98

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

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