Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
Data File : BF136325.D
Acq On : 30 Nov 2023 21:17
Operator : CG\JU
Sample : 05577-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-03-112923

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 00:13:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	92263	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	315575	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	148177	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	287960	20.000	ng	0.00
76) Chrysene-d12	14.010	240	205013	20.000	ng	0.02
86) Perylene-d12	15.492	264	154457	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	279650	42.187	ng	0.00
7) Phenol-d6	6.434	99	308611	37.234	ng	-0.01
23) Nitrobenzene-d5	7.363	82	182627	30.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	81737	45.119	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	341225	29.414	ng	-0.01
79) Terphenyl-d14	12.933	244	494360	27.815	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.110	128	2478326	139.720	ng	100
37) 2-Methylnaphthalene	8.798	142	539223	48.462	ng	99
38) 1-Methylnaphthalene	8.898	142	305769	28.170	ng	92
46) 1,1'-Biphenyl	9.257	154	165328	12.652	ng	94
49) Acenaphthylene	9.698	152	99427	6.866	ng	# 93
52) Acenaphthene	9.875	154	545269	59.583	ng	98
55) Dibenzofuran	10.051	168	978862	71.882	ng	97
58) Fluorene	10.398	166	1282443	120.061	ng	100
71) Phenanthrene	11.386	178	7286410	450.205	ng	95
72) Anthracene	11.427	178	2568504	158.253	ng	98
73) Carbazole	11.569	167	804880	58.308	ng	100
75) Fluoranthene	12.586	202	8191098	498.540	ng	96
78) Pyrene	12.816	202	6995992	311.591	ng	96
81) Benzo(a)anthracene	13.998	228	3601714	236.524	ng	98
83) Chrysene	14.039	228	2606890	177.304	ng	96
87) Indeno(1,2,3-cd)pyrene	17.021	276	971574	82.135	ng	94
88) Benzo(b)fluoranthene	15.063	252	2520962m	232.637	ng	
89) Benzo(k)fluoranthene	15.086	252	785377m	76.309	ng	
90) Benzo(a)pyrene	15.445	252	1707492	192.750	ng	96
91) Dibenzo(a,h)anthracene	17.027	278	221241m	25.239	ng	
92) Benzo(g,h,i)perylene	17.486	276	893864	94.226	ng	99

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

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