Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137493.D
Acq On : 04 Mar 2024 21:17
Operator : CG\JU
Sample : P1666-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030124

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/05/2024
Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 23:20:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	194710	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	744062	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	374495	20.000	ng		0.00
64) Phenanthrene-d10	11.381	188	509154	20.000	ng		0.00
76) Chrysene-d12	14.045	240	365154	20.000	ng		0.00
86) Perylene-d12	15.574	264	289666	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	583520	45.389	ng		-0.01
7) Phenol-d6	6.493	99	822948	44.346	ng		-0.01
23) Nitrobenzene-d5	7.410	82	453933	28.347	ng		-0.02
42) 2,4,6-Tribromophenol	10.681	330	98926	30.080	ng		-0.01
45) 2-Fluorobiphenyl	9.204	172	854035	35.698	ng		-0.01
79) Terphenyl-d14	12.980	244	656676	24.729	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.151	128	240922	6.035	ng		98
37) 2-Methylnaphthalene	8.845	142	147349	5.790	ng		95
38) 1-Methylnaphthalene	8.939	142	135621	5.659	ng		98
52) Acenaphthene	9.916	154	177642	8.897	ng		99
55) Dibenzofuran	10.092	168	206187	6.780	ng		99
58) Fluorene	10.439	166	290233	12.427	ng		97
71) Phenanthrene	11.404	178	1173664	42.356	ng		99
72) Anthracene	11.457	178	293329	10.307	ng		98
73) Carbazole	11.616	167	238637	9.789	ng		98
75) Fluoranthene	12.604	202	512142	18.909	ng		97
78) Pyrene	12.833	202	430312	12.010	ng		98
81) Benzo(a)anthracene	14.033	228	148589	5.806	ng		96
83) Chrysene	14.069	228	136587m	5.280	ng		
88) Benzo(b)fluoranthene	15.121	252	110184m	6.430	ng		
89) Benzo(k)fluoranthene	15.145	252	42144m	2.290	ng		
90) Benzo(a)pyrene	15.504	252	76414	4.525	ng	#	82
92) Benzo(g,h,i)perylene	17.633	276	37956	2.390	ng	#	91

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

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