Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
Data File : BF126395.D
Acq On : 28 Dec 2021 22:28
Operator : JU/CG
Sample : M5230-09DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 29 08:25:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PSC124019DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
12/29/2021
Supervised By :mohammad ahmed
12/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	152703	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	641932	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	199663	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	274418	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	184161	20.000	ng	-0.01
86) Perylene-d12	15.415	264	160042	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	483479	46.626	ng	-0.01
7) Phenol-d6	6.433	99	612682	46.534	ng	-0.01
23) Nitrobenzene-d5	7.369	82	379620	32.028	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	67972	42.361	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	501078	44.016	ng	-0.01
79) Terphenyl-d14	12.915	244	268793	25.369	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.116	128	282475	9.409	ng	98
37) 2-Methylnaphthalene	8.804	142	197165	10.665	ng	100
38) 1-Methylnaphthalene	8.904	142	93104	5.189	ng	91
46) 1,1'-Biphenyl	9.269	154	62532	4.236	ng	94
52) Acenaphthene	9.880	154	166350	15.113	ng	98
55) Dibenzofuran	10.051	168	148690	9.922	ng	93
58) Fluorene	10.392	166	167090	15.401	ng	97
71) Phenanthrene	11.357	178	715263	50.500	ng	98
72) Anthracene	11.404	178	107648	7.572	ng	99
73) Carbazole	11.563	167	61016	4.558	ng	98
75) Fluoranthene	12.545	202	472244	37.007	ng	94
78) Pyrene	12.774	202	338206	19.989	ng	98
81) Benzo(a)anthracene	13.962	228	102780	9.422	ng	100
83) Chrysene	13.998	228	91656	8.087	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	29347	3.299	ng	97
88) Benzo(b)fluoranthene	14.998	252	71028m	7.386	ng	
89) Benzo(k)fluoranthene	15.021	252	23283m	2.531	ng	
90) Benzo(a)pyrene	15.356	252	35789	4.478	ng	96

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

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