Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135502.D
Acq On : 28 Sep 2023 19:39
Operator : CG\JU
Sample : 04606-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 29 00:25:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 28 19:03:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ETGI-327

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	127595	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	445608	20.000	ng		0.00
39) Acenaphthene-d10	9.786	164	129635	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	104420	20.000	ng	#	0.05
76) Chrysene-d12	13.957	240	182545	20.000	ng	#	0.03
86) Perylene-d12	15.404	264	220972	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	647230	82.502	ng		0.00
7) Phenol-d6	6.398	99	781296	78.322	ng		0.00
23) Nitrobenzene-d5	7.310	82	445499	54.316	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	75292	58.445	ng		0.02
45) 2-Fluorobiphenyl	9.104	172	630843	73.419	ng		0.00
79) Terphenyl-d14	12.910	244	345079	29.304	ng		0.04
Target Compounds							Qvalue
31) Naphthalene	8.045	128	73711	3.405	ng		100
37) 2-Methylnaphthalene	8.739	142	70822	4.866	ng		97
38) 1-Methylnaphthalene	8.834	142	44772	3.286	ng		97
46) 1,1'-Biphenyl	9.204	154	60335	6.056	ng		97
49) Acenaphthylene	9.645	152	46530	3.873	ng	#	27
52) Acenaphthene	9.822	154	112423	15.842	ng		96
55) Dibenzofuran	9.998	168	192830	17.807	ng	#	91
58) Fluorene	10.345	166	120519	14.477	ng	#	89
70) Pentachlorophenol	11.128	266	27229	43.015	ng	#	87
71) Phenanthrene	11.351	178	686879	139.083	ng	#	90
72) Anthracene	11.398	178	90219	17.772	ng	#	47
73) Carbazole	11.551	167	52565	11.375	ng	#	16
74) Di-n-butylphthalate	11.875	149	67000	12.304	ng	#	23
75) Fluoranthene	12.551	202	657631	127.795	ng		95
78) Pyrene	12.780	202	528958	30.435	ng		96
81) Benzo(a)anthracene	13.951	228	327923	27.820	ng		95
83) Chrysene	13.986	228	518930	44.280	ng		97
84) Bis(2-ethylhexyl)phtha...	13.927	149	102095	16.259	ng	#	92
87) Indeno(1,2,3-cd)pyrene	16.868	276	122121	8.429	ng		99
88) Benzo(b)fluoranthene	14.980	252	443696m	37.092	ng		
89) Benzo(k)fluoranthene	15.004	252	146118m	12.366	ng		
90) Benzo(a)pyrene	15.339	252	203149	17.809	ng	#	91
91) Dibenzo(a,h)anthracene	16.868	278	33168	2.798	ng	#	83
92) Benzo(g,h,i)perylene	17.315	276	114334	9.235	ng	#	86

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

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