Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019921.D
Acq On : 28 Feb 2024 17:45
Operator : MA/JU
Sample : P1602-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-4

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 00:33:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 02:05:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	105985	20.000	ng		-0.01
21) Naphthalene-d8	10.693	136	386375	20.000	ng		-0.01
39) Acenaphthene-d10	14.534	164	232441	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	433964	20.000	ng		0.00
76) Chrysene-d12	21.410	240	458597	20.000	ng		0.00
86) Perylene-d12	23.839	264	543656	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	484040	74.962	ng		0.00
7) Phenol-d6	7.064	99	640968	66.672	ng		-0.01
23) Nitrobenzene-d5	9.063	82	442278	46.212	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	271248	68.058	ng		-0.01
45) 2-Fluorobiphenyl	13.157	172	879816	51.141	ng		-0.01
79) Terphenyl-d14	19.875	244	1145253	39.361	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.746	128	51443	2.487	ng		97
37) 2-Methylnaphthalene	12.351	142	35470	2.209	ng		97
38) 1-Methylnaphthalene	12.575	142	55461	3.650	ng		97
49) Acenaphthylene	14.257	152	613923	29.334	ng		100
52) Acenaphthene	14.598	154	46482	3.699	ng		97
58) Fluorene	15.587	166	137677	7.915	ng	#	97
71) Phenanthrene	17.345	178	1834991	79.219	ng		99
72) Anthracene	17.434	178	674801	28.538	ng		100
73) Carbazole	17.716	167	112084	5.352	ng		98
75) Fluoranthene	19.322	202	3232244	107.521	ng		99
78) Pyrene	19.675	202	3670031	116.478	ng		99
81) Benzo(a)anthracene	21.392	228	1863220m	57.237	ng		
83) Chrysene	21.445	228	1899026	62.257	ng		97
87) Indeno(1,2,3-cd)pyrene	26.386	276	1181638	30.873	ng		98
88) Benzo(b)fluoranthene	23.104	252	2276646	68.304	ng		100
89) Benzo(k)fluoranthene	23.145	252	743075m	22.732	ng		
90) Benzo(a)pyrene	23.739	252	1788298	56.142	ng		99
91) Dibenzo(a,h)anthracene	26.398	278	331431	10.301	ng	#	84
92) Benzo(g,h,i)perylene	27.174	276	1192138	38.381	ng		97

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

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