Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
Data File : BP019936.D
Acq On : 29 Feb 2024 14:35
Operator : MA/JU
Sample : P1602-04DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-2DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

Quant Time: Feb 29 15:06:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 29 12:18:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	66504	20.000	ng		-0.02
21) Naphthalene-d8	10.699	136	257701	20.000	ng		-0.02
39) Acenaphthene-d10	14.540	164	184375	20.000	ng		-0.02
64) Phenanthrene-d10	17.310	188	422276	20.000	ng		-0.01
76) Chrysene-d12	21.416	240	443515	20.000	ng		-0.01
86) Perylene-d12	23.845	264	478654	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	63601	15.697	ng		-0.02
7) Phenol-d6	7.069	99	88095	14.604	ng		-0.02
23) Nitrobenzene-d5	9.069	82	61189	9.586	ng		-0.02
42) 2,4,6-Tribromophenol	16.045	330	54171	17.135	ng		-0.02
45) 2-Fluorobiphenyl	13.163	172	137546	10.079	ng		-0.02
79) Terphenyl-d14	19.875	244	261601	9.297	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	10.746	128	223896	16.227	ng		99
37) 2-Methylnaphthalene	12.363	142	56659	5.290	ng		97
38) 1-Methylnaphthalene	12.581	142	36381m	3.590	ng		
49) Acenaphthylene	14.269	152	59123	3.561	ng		96
52) Acenaphthene	14.604	154	68509	6.873	ng		98
55) Dibenzofuran	14.946	168	111414	6.549	ng		98
58) Fluorene	15.598	166	152693	11.067	ng		99
71) Phenanthrene	17.351	178	1167030	51.776	ng		100
72) Anthracene	17.440	178	292720	12.722	ng		99
73) Carbazole	17.722	167	101666	4.989	ng		97
75) Fluoranthene	19.328	202	1388757	47.476	ng		99
78) Pyrene	19.681	202	1157911	37.999	ng		100
81) Benzo(a)anthracene	21.398	228	660736	20.988	ng		98
83) Chrysene	21.451	228	535013	18.136	ng		97
87) Indeno(1,2,3-cd)pyrene	26.392	276	287896	8.544	ng	#	96
88) Benzo(b)fluoranthene	23.104	252	706193	24.065	ng		99
89) Benzo(k)fluoranthene	23.145	252	259464m	9.015	ng		
90) Benzo(a)pyrene	23.739	252	498795	17.786	ng		97
91) Dibenzo(a,h)anthracene	26.410	278	75450	2.663	ng	#	87
92) Benzo(g,h,i)perylene	27.174	276	256066	9.364	ng		98

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

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