Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
Data File : BN024769.D
Acq On : 05 Apr 2023 15:02
Operator : CG/JU
Sample : 01950-21DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

Quant Time: Apr 05 16:22:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 05 11:04:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.947	152	8634	0.400	ng		-0.01
7) Naphthalene-d8	10.760	136	23595	0.400	ng		0.00
13) Acenaphthene-d10	14.587	164	13877	0.400	ng		-0.01
19) Phenanthrene-d10	17.335	188	31659	0.400	ng		0.00
29) Chrysene-d12	21.531	240	27453	0.400	ng	#	0.00
35) Perylene-d12	23.993	264	24996	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.499	112	1733	0.087	ng		0.00
5) Phenol-d6	7.109	99	2199	0.087	ng		0.00
8) Nitrobenzene-d5	9.116	82	1614	0.085	ng		0.00
11) 2-Methylnaphthalene-d10	12.351	152	2944	0.094	ng		0.00
14) 2,4,6-Tribromophenol	16.107	330	387m	0.062	ng		0.02
15) 2-Fluorobiphenyl	13.219	172	4708	0.089	ng		0.00
27) Fluoranthene-d10	19.372	212	6146	0.086	ng		0.00
31) Terphenyl-d14	19.966	244	6360	0.102	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.814	128	53621	0.883	ng		100
12) 2-Methylnaphthalene	12.423	142	17927	0.424	ng		99
16) Acenaphthylene	14.309	152	59744	1.024	ng		99
17) Acenaphthene	14.651	154	30768	0.780	ng		100
18) Fluorene	15.635	166	97932	1.808	ng		99
25) Phenanthrene	17.385	178	64863	0.706	ng		100
26) Anthracene	17.472	178	18445	0.230	ng		99
28) Fluoranthene	19.401	202	83641	0.802	ng		99
30) Pyrene	19.764	202	87534	0.897	ng		100
32) Benzo(a)anthracene	21.522	228	69869	0.753	ng		99
33) Chrysene	21.575	228	76525	0.787	ng		99
36) Indeno(1,2,3-cd)pyrene	26.548	276	69036	0.630	ng		99
37) Benzo(b)fluoranthene	23.239	252	19027	0.201	ng		98
38) Benzo(k)fluoranthene	23.288	252	56227	0.598	ng		97
39) Benzo(a)pyrene	23.882	252	55052	0.607	ng	#	91
40) Dibenzo(a,h)anthracene	26.572	278	44156	0.512	ng		99
41) Benzo(g,h,i)perylene	27.340	276	52712	0.564	ng		100

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

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