Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
Data File : BN025333.D
Acq On : 08 May 2023 15:20
Operator : CG/JU
Sample : 02588-15
Misc :
ALS Vial : 6 Sample Multiplier: 50

Instrument :
BNA_N
ClientSampleId :
PILE-B-UNK-05022023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

Quant Time: May 09 04:02:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 18:27:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	276029	20.000	ng		0.00
7) Naphthalene-d8	10.707	136	905812	20.000	ng		-0.01
13) Acenaphthene-d10	14.544	164	585979	20.000	ng		0.00
19) Phenanthrene-d10	17.298	188	1364401	20.000	ng		0.00
29) Chrysene-d12	21.504	240	1277984	20.000	ng		0.00
35) Perylene-d12	23.929	264	1613073	20.000	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	1362261	101.378	ng		0.00
5) Phenol-d6	7.066	99	1969409	116.801	ng		0.00
8) Nitrobenzene-d5	9.063	82	983985	66.035	ng		-0.02
11) 2-Methylnaphthalene-d10	12.313	152	2	0.000	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	718272	119.887	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	2131667	53.039	ng		0.00
27) Fluoranthene-d10	19.363	212	733	0.011	ng		0.03
31) Terphenyl-d14	19.928	244	2973825	57.704	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.761	128	435941	9.380	ng		98
12) 2-Methylnaphthalene	12.374	142	135618	4.127	ng		99
16) Acenaphthylene	14.266	152	78743	1.500	ng		98
17) Acenaphthene	14.609	154	565215	17.318	ng		99
18) Fluorene	15.592	166	930580	20.808	ng		99
25) Phenanthrene	17.348	178	7051108	93.392	ng		99
26) Anthracene	17.435	178	2359998	33.367	ng	#	95
28) Fluoranthene	19.368	202	7932178	84.084	ng		97
30) Pyrene	19.734	202	6496304	74.347	ng	#	91
32) Benzo(a)anthracene	21.486	228	3626864	41.981	ng		100
33) Chrysene	21.540	228	2784452	32.379	ng		97
34) Bis(2-ethylhexyl)phtha...	21.396	149	17848	0.263	ng		98
36) Indeno(1,2,3-cd)pyrene	26.446	276	1474738	11.403	ng		96
37) Benzo(b)fluoranthene	23.192	252	3500657	34.230	ng	#	92
38) Benzo(k)fluoranthene	23.233	252	1446566m	13.512	ng		
39) Benzo(a)pyrene	23.824	252	2852524m	27.228	ng		
40) Dibenzo(a,h)anthracene	26.449	278	387030	3.790	ng		99
41) Benzo(g,h,i)perylene	27.224	276	1206761	10.759	ng		97

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

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