Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080723\
Data File : BN026831.D
Acq On : 07 Aug 2023 15:15
Operator : MA/JU
Sample : 03840-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 08 00:50:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BUILDING-B-19-(0-5)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2023
Supervised By :mohammad ahmed 08/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	9974	0.400	ng	-0.01
7) Naphthalene-d8	10.938	136	30064	0.400	ng	-0.01
13) Acenaphthene-d10	14.737	164	16772	0.400	ng	-0.01
19) Phenanthrene-d10	17.480	188	33126	0.400	ng	-0.01
29) Chrysene-d12	21.668	240	25012	0.400	ng	0.00
35) Perylene-d12	24.224	264	26868	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	5774	0.229	ng	0.00
5) Phenol-d6	7.235	99	6844	0.209	ng	0.00
8) Nitrobenzene-d5	9.294	82	3913	0.220	ng	-0.01
11) 2-Methylnaphthalene-d10	12.513	152	8426	0.195	ng	-0.01
14) 2,4,6-Tribromophenol	16.226	330	1273	0.223	ng	0.00
15) 2-Fluorobiphenyl	13.368	172	12568	0.184	ng	-0.01
27) Fluoranthene-d10	19.504	212	13477	0.169	ng	0.00
31) Terphenyl-d14	20.094	244	10446	0.200	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.991	128	91797	1.110	ng	99
12) 2-Methylnaphthalene	12.585	142	28408	0.503	ng	97
16) Acenaphthylene	14.469	152	181692	2.191	ng	100
17) Acenaphthene	14.801	154	16537	0.318	ng	99
18) Fluorene	15.779	166	34827	0.514	ng	# 91
25) Phenanthrene	17.530	178	439323	4.367	ng	100
26) Anthracene	17.616	178	162769	1.811	ng	99
28) Fluoranthene	19.532	202	1009821	9.014	ng	98
30) Pyrene	19.899	202	1175985	10.881	ng	98
32) Benzo(a)anthracene	21.650	228	647254m	7.536	ng	
33) Chrysene	21.703	228	610572	6.430	ng	98
34) Bis(2-ethylhexyl)phtha...	21.542	149	8145	0.286	ng	# 93
36) Indeno(1,2,3-cd)pyrene	26.922	276	417688	3.810	ng	# 93
37) Benzo(b)fluoranthene	23.434	252	785255	7.428	ng	97
38) Benzo(k)fluoranthene	23.481	252	270823m	2.493	ng	
39) Benzo(a)pyrene	24.110	252	667165m	6.921	ng	
40) Dibenzo(a,h)anthracene	26.943	278	110973m	1.303	ng	
41) Benzo(g,h,i)perylene	27.764	276	437478	4.340	ng	98

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

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