Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080923\
Data File : BN026853.D
Acq On : 08 Aug 2023 19:18
Operator : MA/JU
Sample : 03815-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 09 01:12:07 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 09 01:06:23 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BUILDING-B-7-(0-5)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	13326	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	38489	0.400	ng	# 0.00
13) Acenaphthene-d10	14.737	164	21402	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	40674	0.400	ng	0.00
29) Chrysene-d12	21.659	240	26908	0.400	ng	# 0.00
35) Perylene-d12	24.215	264	27933	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	10652	0.316	ng	0.00
5) Phenol-d6	7.236	99	11949	0.273	ng	0.00
8) Nitrobenzene-d5	9.294	82	6713	0.295	ng	0.00
11) 2-Methylnaphthalene-d10	12.510	152	16165	0.293	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1770	0.243	ng	-0.01
15) 2-Fluorobiphenyl	13.368	172	24028	0.275	ng	0.00
27) Fluoranthene-d10	19.500	212	24103	0.247	ng	0.00
31) Terphenyl-d14	20.090	244	18014	0.321	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.992	128	214796	2.029	ng	99
12) 2-Methylnaphthalene	12.581	142	84001	1.163	ng	99
16) Acenaphthylene	14.459	152	326430	3.085	ng	100
17) Acenaphthene	14.801	154	16970	0.256	ng	# 87
18) Fluorene	15.780	166	61332	0.710	ng	# 84
25) Phenanthrene	17.517	178	653523	5.290	ng	99
26) Anthracene	17.617	178	346977	3.144	ng	99
28) Fluoranthene	19.532	202	1337767	9.726	ng	98
30) Pyrene	19.899	202	2031629	17.473	ng	98
32) Benzo(a)anthracene	21.641	228	828327	8.964	ng	94
33) Chrysene	21.695	228	767729	7.516	ng	97
34) Bis(2-ethylhexyl)phtha...	21.533	149	9199	0.300	ng	95
36) Indeno(1,2,3-cd)pyrene	26.911	276	453601	3.980	ng	# 93
37) Benzo(b)fluoranthene	23.428	252	798507	7.265	ng	97
38) Benzo(k)fluoranthene	23.469	252	252131m	2.233	ng	
39) Benzo(a)pyrene	24.101	252	797169m	7.954	ng	
40) Dibenzo(a,h)anthracene	26.925	278	126071m	1.424	ng	
41) Benzo(g,h,i)perylene	27.758	276	529764	5.055	ng	98

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

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