Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041224\
Data File : BN030867.D
Acq On : 12 Apr 2024 17:47
Operator : MA/JU
Sample : P1908-21DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 12 19:08:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 15:55:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	5386	0.400	ng	0.00
7) Naphthalene-d8	10.453	136	15645	0.400	ng	0.00
13) Acenaphthene-d10	14.305	164	8329	0.400	ng	0.00
19) Phenanthrene-d10	17.065	188	19279	0.400	ng	0.00
29) Chrysene-d12	21.258	240	17687	0.400	ng	0.00
35) Perylene-d12	23.489	264	15450	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	776	0.060	ng	0.00
5) Phenol-d6	6.852	99	941	0.060	ng	0.00
8) Nitrobenzene-d5	8.830	82	670	0.060	ng	0.01
11) 2-Methylnaphthalene-d10	12.047	152	1755	0.073	ng	0.00
14) 2,4,6-Tribromophenol	15.811	330	98	0.029	ng	0.00
15) 2-Fluorobiphenyl	12.937	172	2289	0.078	ng	0.01
27) Fluoranthene-d10	19.098	212	3880	0.072	ng	0.00
31) Terphenyl-d14	19.702	244	2905	0.072	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.496	128	58127	1.343	ng	99
12) 2-Methylnaphthalene	12.119	142	34129	1.206	ng	100
16) Acenaphthylene	14.027	152	91935	2.526	ng	100
17) Acenaphthene	14.370	154	35706	1.389	ng	99
18) Fluorene	15.364	166	18344	0.543	ng	100
25) Phenanthrene	17.102	178	33117	0.587	ng	100
26) Anthracene	17.189	178	6870	0.146	ng	100
28) Fluoranthene	19.126	202	17025	0.244	ng	99
30) Pyrene	19.493	202	23381	0.352	ng	100
32) Benzo(a)anthracene	21.240	228	15079	0.246	ng	98
33) Chrysene	21.294	228	10509	0.160	ng	99
36) Indeno(1,2,3-cd)pyrene	25.737	276	47063	0.779	ng	99
37) Benzo(b)fluoranthene	22.817	252	10549m	0.154	ng	
38) Benzo(k)fluoranthene	22.861	252	52635	0.816	ng	98
39) Benzo(a)pyrene	23.390	252	15045	0.286	ng	96
40) Dibenzo(a,h)anthracene	25.752	278	31472	0.656	ng	98
41) Benzo(g,h,i)perylene	26.425	276	21141	0.407	ng	98

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

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