Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031424\
Data File : BN030397.D
Acq On : 14 Mar 2024 14:46
Operator : MA/JU
Sample : P1726-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 14 15:19:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 11:36:29 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
M6-CONCRETE

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2024
Supervised By :mohammad ahmed 03/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	1670	0.400	ng	0.00
7) Naphthalene-d8	10.423	136	3786	0.400	ng	0.00
13) Acenaphthene-d10	14.287	164	2395	0.400	ng	0.00
19) Phenanthrene-d10	17.044	188	5099	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	6164	0.400	ng	# 0.00
35) Perylene-d12	23.484	264	8498	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.247	112	739	0.170	ng	0.00
5) Phenol-d6	6.822	99	657	0.155	ng	0.00
8) Nitrobenzene-d5	8.811	82	620	0.179	ng	0.01
11) 2-Methylnaphthalene-d10	12.027	152	1228	0.209	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	204	0.146	ng	0.01
15) 2-Fluorobiphenyl	12.907	172	2093m	0.217	ng	0.00
27) Fluoranthene-d10	19.085	212	3263	0.221	ng	0.00
31) Terphenyl-d14	19.698	244	2752	0.197	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.094	178	1034	0.076	ng	# 96
28) Fluoranthene	19.118	202	4154	0.227	ng	# 98
30) Pyrene	19.480	202	3344	0.145	ng	96
32) Benzo(a)anthracene	21.241	228	1720	0.084	ng	# 85
33) Chrysene	21.295	228	3174	0.140	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.188	149	2099	0.196	ng	98
36) Indeno(1,2,3-cd)pyrene	25.730	276	2714	0.075	ng	# 94
37) Benzo(b)fluoranthene	22.821	252	5102	0.184	ng	# 60
38) Benzo(k)fluoranthene	22.859	252	1807m	0.064	ng	
39) Benzo(a)pyrene	23.394	252	2326	0.090	ng	# 25
40) Dibenzo(a,h)anthracene	25.750	278	586m	0.020	ng	
41) Benzo(g,h,i)perylene	26.414	276	3189	0.094	ng	# 80

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

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