Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028932.D
Acq On : 01 Dec 2023 04:45
Operator : MA/JU
Sample : 05312-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 01 05:17:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
P-4(170FT)(5-10)

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

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12/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	4790	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	13948	0.400	ng	# 0.00
13) Acenaphthene-d10	14.428	164	10136	0.400	ng	0.00
19) Phenanthrene-d10	17.184	188	11679	0.400	ng	# 0.00
29) Chrysene-d12	21.391	240	6647m	0.400	ng	0.02
35) Perylene-d12	23.734	264	9120	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	3762	0.259	ng	-0.01
5) Phenol-d6	7.031	99	4328	0.269	ng	-0.01
8) Nitrobenzene-d5	8.982	82	3050	0.220	ng	0.00
11) 2-Methylnaphthalene-d10	12.181	152	5253	0.235	ng	0.00
14) 2,4,6-Tribromophenol	15.930	330	531	0.078	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	6504	0.149	ng	-0.01
27) Fluoranthene-d10	19.222	212	4355	0.142	ng	0.00
31) Terphenyl-d14	19.822	244	6901	0.377	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.658	128	12761737	287.921	ng	100
12) 2-Methylnaphthalene	12.257	142	1162447	41.737	ng	97
16) Acenaphthylene	14.150	152	1591685	29.643	ng	100
17) Acenaphthene	14.492	154	233236	6.544	ng	99
18) Fluorene	15.487	166	1723889	38.209	ng	100
25) Phenanthrene	17.233	178	8121374	210.608	ng	97
26) Anthracene	17.320	178	2224187	62.401	ng	98
28) Fluoranthene	19.264	202	7243724m	180.645	ng	
30) Pyrene	19.627	202	5707641	112.330	ng	98
32) Benzo(a)anthracene	21.374	228	2708788	95.846	ng	98
33) Chrysene	21.427	228	1942540	70.006	ng	93
34) Bis(2-ethylhexyl)phtha...	21.311	149	16137	0.355	ng	# 86
36) Indeno(1,2,3-cd)pyrene	26.166	276	1137817	28.631	ng	# 90
37) Benzo(b)fluoranthene	23.035	252	2600044	69.686	ng	# 24
38) Benzo(k)fluoranthene	23.073	252	864691m	24.563	ng	
39) Benzo(a)pyrene	23.640	252	1896965	56.924	ng	# 16
40) Dibenzo(a,h)anthracene	26.172	278	285582	9.286	ng	# 29
41) Benzo(g,h,i)perylene	26.912	276	1008320	29.148	ng	# 67

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

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