Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028217.D
Acq On : 11 Oct 2023 04:10
Operator : MA/JU
Sample : 04704-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-104-1(5-10)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 04:42:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	3579	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	11239	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	8302	0.400	ng		0.00
19) Phenanthrene-d10	17.319	188	12178	0.400	ng	#	0.00
29) Chrysene-d12	21.515	240	10141m	0.400	ng		0.00
35) Perylene-d12	23.984	264	20057	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.466	112	2817	0.264	ng		0.00
5) Phenol-d6	7.084	99	3378	0.251	ng		0.00
8) Nitrobenzene-d5	9.123	82	2822	0.295	ng		0.00
11) 2-Methylnaphthalene-d10	12.317	152	4256	0.256	ng		0.00
14) 2,4,6-Tribromophenol	16.065	330	755	0.199	ng		-0.01
15) 2-Fluorobiphenyl	13.187	172	6082	0.203	ng		0.00
27) Fluoranthene-d10	19.360	212	8067	0.264	ng		0.00
31) Terphenyl-d14	19.941	244	8330	0.352	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.789	128	1282817	44.175	ng		98
12) 2-Methylnaphthalene	12.392	142	331101	16.299	ng		100
16) Acenaphthylene	14.298	152	1209951	32.899	ng		99
17) Acenaphthene	14.630	154	193241	8.243	ng		98
18) Fluorene	15.606	166	567601	18.641	ng		97
25) Phenanthrene	17.368	178	3656192	111.362	ng		99
26) Anthracene	17.455	178	1402233	45.186	ng	#	95
28) Fluoranthene	19.393	202	3202516	84.521	ng		98
30) Pyrene	19.760	202	3908308	105.101	ng		97
32) Benzo(a)anthracene	21.498	228	2100838	60.880	ng		98
33) Chrysene	21.560	228	1808954	54.396	ng		96
34) Bis(2-ethylhexyl)phtha...	21.372	149	4632	0.204	ng	#	84
36) Indeno(1,2,3-cd)pyrene	26.586	276	1093316	16.206	ng		97
37) Benzo(b)fluoranthene	23.227	252	2025432	31.268	ng	#	89
38) Benzo(k)fluoranthene	23.271	252	741713m	11.289	ng		
39) Benzo(a)pyrene	23.882	252	1974539m	32.237	ng		
40) Dibenzo(a,h)anthracene	26.592	278	327681	5.937	ng		100
41) Benzo(g,h,i)perylene	27.405	276	1124062	19.843	ng		95

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

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