Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028369.D
Acq On : 24 Oct 2023 05:48
Operator : MA/JU
Sample : 04841-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
M-3(0-5)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/24/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 24 08:20:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152	5187	0.400	ng		0.00
7) Naphthalene-d8	10.682	136	17505	0.400	ng		#-0.02
13) Acenaphthene-d10	14.523	164	14863	0.400	ng		-0.01
19) Phenanthrene-d10	17.294	188	14455	0.400	ng		# 0.00
29) Chrysene-d12	21.488	240	8575m	0.400	ng		0.00
35) Perylene-d12	23.940	264	18117m	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.415	112	4304	0.267	ng		-0.01
5) Phenol-d6	7.040	99	5008	0.253	ng		-0.01
8) Nitrobenzene-d5	9.070	82	3893	0.251	ng		-0.03
11) 2-Methylnaphthalene-d10	12.271	152	6346	0.241	ng		-0.02
14) 2,4,6-Tribromophenol	16.028	330	917	0.127	ng		-0.04
15) 2-Fluorobiphenyl	13.144	172	8961	0.171	ng		-0.02
27) Fluoranthene-d10	19.346	212	14666	0.379	ng		0.02
31) Terphenyl-d14	19.908	244	11590	0.637	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.735	128	879883	19.378	ng		97
12) 2-Methylnaphthalene	12.347	142	235313	7.293	ng		99
16) Acenaphthylene	14.256	152	4271373	63.957	ng		98
17) Acenaphthene	14.587	154	771782	18.339	ng		95
18) Fluorene	15.581	166	2141670	38.660	ng	#	96
24) Pentachlorophenol	17.008	266	153	0.044	ng	#	74
25) Phenanthrene	17.343	178	14301420	361.442	ng		98
26) Anthracene	17.430	178	6327898	167.444	ng	#	94
28) Fluoranthene	19.370	202	10206290	205.322	ng		97
30) Pyrene	19.741	202	13149267	448.136	ng		95
32) Benzo(a)anthracene	21.480	228	6640953	218.004	ng		93
33) Chrysene	21.533	228	6084213m	208.680	ng		
34) Bis(2-ethylhexyl)phtha...	21.345	149	22701	0.976	ng	#	81
36) Indeno(1,2,3-cd)pyrene	26.527	276	2867856	39.264	ng		97
37) Benzo(b)fluoranthene	23.197	252	5855552	103.402	ng	#	89
38) Benzo(k)fluoranthene	23.235	252	1880116m	32.637	ng		
39) Benzo(a)pyrene	23.844	252	6000040	106.511	ng	#	86
40) Dibenzo(a,h)anthracene	26.530	278	902783	15.225	ng		97
41) Benzo(g,h,i)perylene	27.340	276	2990463	48.846	ng		95

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

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