Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028219.D
Acq On : 11 Oct 2023 05:22
Operator : MA/JU
Sample : 04767-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 11 05:50:51 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

Instrument :
BNA_N
ClientSampleId :
D-1(0-5)

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4010	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12761	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	7917	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	13676	0.400	ng	0.00
29) Chrysene-d12	21.515	240	11005m	0.400	ng	0.00
35) Perylene-d12	23.987	264	19317	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	4575	0.383	ng	0.00
5) Phenol-d6	7.084	99	5624	0.373	ng	0.00
8) Nitrobenzene-d5	9.123	82	4053	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	6669	0.353	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1269	0.350	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	9057	0.317	ng	0.00
27) Fluoranthene-d10	19.356	212	12499	0.364	ng	0.00
31) Terphenyl-d14	19.941	244	11565	0.450	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.789	128	107913	3.273	ng	98
12) 2-Methylnaphthalene	12.392	142	57285	2.484	ng	99
16) Acenaphthylene	14.288	152	524605	14.958	ng	100
17) Acenaphthene	14.630	154	71783	3.211	ng	99
18) Fluorene	15.606	166	121647	4.189	ng	90
25) Phenanthrene	17.368	178	1433309	38.875	ng	99
26) Anthracene	17.455	178	604642	17.350	ng	# 95
28) Fluoranthene	19.388	202	2084838	48.996	ng	99
30) Pyrene	19.755	202	2456905	60.883	ng	100
32) Benzo(a)anthracene	21.497	228	1395046	37.253	ng	98
33) Chrysene	21.560	228	1216903	33.720	ng	97
34) Bis(2-ethylhexyl)phtha...	21.372	149	7160	0.291	ng	# 64
36) Indeno(1,2,3-cd)pyrene	26.586	276	686801	10.570	ng	97
37) Benzo(b)fluoranthene	23.227	252	1376392	22.062	ng	# 89
38) Benzo(k)fluoranthene	23.268	252	485286m	7.669	ng	
39) Benzo(a)pyrene	23.879	252	1175369m	19.924	ng	
40) Dibenzo(a,h)anthracene	26.589	278	210102	3.953	ng	99
41) Benzo(g,h,i)perylene	27.399	276	697622	12.787	ng	96

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

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