Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028233.D
Acq On : 11 Oct 2023 15:24
Operator : MA/JU
Sample : PB156212BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 11 15:54:15 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 :
PB156212BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	3266	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	10502	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	5920	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	13841	0.400	ng	# 0.01
29) Chrysene-d12	21.524	240	12639	0.400	ng	0.00
35) Perylene-d12	23.999	264	4918	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	4020	0.413	ng	0.00
5) Phenol-d6	7.091	99	4943	0.402	ng	0.00
8) Nitrobenzene-d5	9.123	82	3459	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.324	152	6014	0.386	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	1279	0.472	ng	0.00
15) 2-Fluorobiphenyl	13.187	172	8430	0.395	ng	0.00
27) Fluoranthene-d10	19.360	212	14229	0.409	ng	0.00
31) Terphenyl-d14	19.946	244	12393	0.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	1259	0.344	ng	# 55
3) n-Nitrosodimethylamine	3.689	42	1659	0.395	ng	# 97
6) bis(2-Chloroethyl)ether	7.358	93	3808	0.385	ng	99
9) Naphthalene	10.789	128	10425	0.384	ng	99
10) Hexachlorobutadiene	11.002	225	1776	0.369	ng	# 99
12) 2-Methylnaphthalene	12.400	142	6798	0.358	ng	98
16) Acenaphthylene	14.298	152	10186	0.388	ng	99
17) Acenaphthene	14.630	154	6508	0.389	ng	99
18) Fluorene	15.618	166	8987	0.414	ng	99
20) 4,6-Dinitro-2-methylph...	16.772	198	7	0.038	ng	# 1
21) 4-Bromophenyl-phenylether	16.512	248	2628	0.364	ng	# 71
22) Hexachlorobenzene	16.599	284	2931	0.387	ng	99
24) Pentachlorophenol	16.971	266	17559	4.924	ng	94
25) Phenanthrene	17.368	178	14647	0.393	ng	99
26) Anthracene	17.468	178	13816	0.392	ng	100
28) Fluoranthene	19.393	202	18620	0.432	ng	100
30) Pyrene	19.760	202	16618	0.359	ng	100
32) Benzo(a)anthracene	21.506	228	18253	0.424	ng	95
33) Chrysene	21.560	228	18344	0.443	ng	94
34) Bis(2-ethylhexyl)phtha...	21.372	149	12971	0.459	ng	97
36) Indeno(1,2,3-cd)pyrene	26.604	276	13477	0.815	ng	97
37) Benzo(b)fluoranthene	23.233	252	17848	1.124	ng	# 87
38) Benzo(k)fluoranthene	23.282	252	14098	0.875	ng	# 82
39) Benzo(a)pyrene	23.887	252	8575	0.571	ng	# 60
40) Dibenzo(a,h)anthracene	26.612	278	14296	1.056	ng	# 85
41) Benzo(g,h,i)perylene	27.416	276	10282	0.740	ng	# 84

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

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