Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027658.D
Acq On : 14 Sep 2023 00:24
Operator : MA/JU
Sample : PB155453BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 14 05:31:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB155453BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5974	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	16013	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	7261	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	14556	0.400	ng	0.00
29) Chrysene-d12	21.578	240	10270	0.400	ng	# 0.00
35) Perylene-d12	24.083	264	9069	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	6582	0.423	ng	0.00
5) Phenol-d6	7.178	99	7548	0.399	ng	0.00
8) Nitrobenzene-d5	9.219	82	5317	0.456	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	8300	0.353	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	824	0.307	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11852	0.429	ng	-0.01
27) Fluoranthene-d10	19.430	212	12289	0.340	ng	0.00
31) Terphenyl-d14	20.015	244	8339	0.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	2882	0.395	ng	# 86
3) n-Nitrosodimethylamine	3.812	42	3316	0.429	ng	88
6) bis(2-Chloroethyl)ether	7.467	93	7313	0.399	ng	98
9) Naphthalene	10.895	128	17723	0.406	ng	99
10) Hexachlorobutadiene	11.130	225	3359	0.412	ng	# 100
12) 2-Methylnaphthalene	12.498	142	10785	0.347	ng	99
16) Acenaphthylene	14.384	152	11993	0.363	ng	99
17) Acenaphthene	14.715	154	8782	0.398	ng	98
18) Fluorene	15.705	166	10919	0.371	ng	100
20) 4,6-Dinitro-2-methylph...	16.859	198	77	0.371	ng	89
21) 4-Bromophenyl-phenylether	16.586	248	3100	0.404	ng	# 77
22) Hexachlorobenzene	16.673	284	3559	0.391	ng	99
23) Atrazine	16.859	200	1975	0.344	ng	99
24) Pentachlorophenol	17.046	266	1015	0.290	ng	98
25) Phenanthrene	17.443	178	16210	0.379	ng	99
26) Anthracene	17.542	178	13081	0.360	ng	100
28) Fluoranthene	19.458	202	16825	0.334	ng	100
30) Pyrene	19.825	202	16869	0.413	ng	100
32) Benzo(a)anthracene	21.569	228	13613	0.387	ng	99
33) Chrysene	21.623	228	15135	0.391	ng	99
34) Bis(2-ethylhexyl)phtha...	21.435	149	5479	0.323	ng	99
36) Indeno(1,2,3-cd)pyrene	26.723	276	14543	0.395	ng	100
37) Benzo(b)fluoranthene	23.309	252	13572	0.387	ng	95
38) Benzo(k)fluoranthene	23.358	252	13897m	0.385	ng	
39) Benzo(a)pyrene	23.972	252	12131	0.370	ng	92
40) Dibenzo(a,h)anthracene	26.744	278	11790	0.408	ng	98
41) Benzo(g,h,i)perylene	27.542	276	13569	0.406	ng	99

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

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