Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
Data File : BN025489.D
Acq On : 19 May 2023 15:18
Operator : CG/JU
Sample : PB152549BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 20 00:21:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB152549BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	5202	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	14989	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	8868	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	19385	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	12436	0.400	ng	# 0.00
35) Perylene-d12	24.138	264	10537	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	5044	0.430	ng	0.00
5) Phenol-d6	7.218	99	6321	0.419	ng	0.00
8) Nitrobenzene-d5	9.234	82	4839	0.404	ng	0.00
11) 2-Methylnaphthalene-d10	12.476	152	8337	0.400	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	1432	0.414	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	14495	0.427	ng	0.00
27) Fluoranthene-d10	19.469	212	16452	0.368	ng	0.00
31) Terphenyl-d14	20.058	244	9651	0.437	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	2251	0.424	ng	99
3) n-Nitrosodimethylamine	3.787	42	2274	0.389	ng	# 93
6) bis(2-Chloroethyl)ether	7.485	93	6226	0.425	ng	98
9) Naphthalene	10.942	128	15496	0.406	ng	99
10) Hexachlorobutadiene	11.230	225	2949	0.407	ng	# 98
12) 2-Methylnaphthalene	12.548	142	11094	0.402	ng	99
16) Acenaphthylene	14.427	152	16213	0.400	ng	100
17) Acenaphthene	14.769	154	10901	0.408	ng	98
18) Fluorene	15.747	166	13664	0.414	ng	98
20) 4,6-Dinitro-2-methylph...	15.809	198	1570	0.390	ng	98
21) 4-Bromophenyl-phenylether	16.641	248	4654	0.408	ng	92
22) Hexachlorobenzene	16.752	284	4281	0.402	ng	97
23) Atrazine	16.901	200	3344	0.360	ng	98
24) Pentachlorophenol	17.088	266	2430	0.452	ng	99
25) Phenanthrene	17.485	178	22668	0.399	ng	100
26) Anthracene	17.572	178	20739	0.390	ng	99
28) Fluoranthene	19.498	202	24092	0.373	ng	100
30) Pyrene	19.861	202	23974	0.483	ng	100
32) Benzo(a)anthracene	21.607	228	18401	0.409	ng	99
33) Chrysene	21.661	228	19210	0.430	ng	98
34) Bis(2-ethylhexyl)phtha...	21.527	149	8899	0.336	ng	99
36) Indeno(1,2,3-cd)pyrene	26.781	276	16191	0.380	ng	99
37) Benzo(b)fluoranthene	23.363	252	16220m	0.415	ng	
38) Benzo(k)fluoranthene	23.416	252	16926	0.423	ng	96
39) Benzo(a)pyrene	24.021	252	14296	0.388	ng	95
40) Dibenzo(a,h)anthracene	26.804	278	13342	0.391	ng	94
41) Benzo(g,h,i)perylene	27.588	276	13769	0.382	ng	97

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

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