Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
Data File : BN021916.D
Acq On : 26 Sep 2022 13:39
Operator : CG/JU
Sample : PB147729BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 26 17:37:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB147729BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	4395	0.400	ng		-0.02
7) Naphthalene-d8	10.876	136	14161	0.400	ng		-0.01
13) Acenaphthene-d10	14.696	164	7761	0.400	ng		-0.01
19) Phenanthrene-d10	17.455	188	13587	0.400	ng		# 0.00
29) Chrysene-d12	21.647	240	7859	0.400	ng		# 0.00
35) Perylene-d12	24.153	264	6336	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	5126	0.446	ng		0.00
5) Phenol-d6	7.202	99	6209	0.426	ng		0.00
8) Nitrobenzene-d5	9.221	82	4719	0.403	ng		-0.01
11) 2-Methylnaphthalene-d10	12.463	152	12281	0.344	ng		-0.01
14) 2,4,6-Tribromophenol	16.197	330	829	0.234	ng		-0.01
15) 2-Fluorobiphenyl	13.328	172	12605	0.398	ng		-0.01
27) Fluoranthene-d10	19.485	212	11673	0.319	ng		0.00
31) Terphenyl-d14	20.079	244	7519	0.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	2115	0.372	ng		97
3) n-Nitrosodimethylamine	3.735	42	2370	0.411	ng	#	92
6) bis(2-Chloroethyl)ether	7.462	93	5411	0.374	ng		99
9) Naphthalene	10.919	128	16243	0.389	ng		100
10) Hexachlorobutadiene	11.207	225	2673	0.383	ng	#	99
12) 2-Methylnaphthalene	12.179	142	2982	0.332	ng	#	92
16) Acenaphthylene	14.418	152	13404	0.362	ng		100
17) Acenaphthene	14.760	154	9649m	0.381	ng		
18) Fluorene	15.746	166	11783	0.350	ng		100
21) 4-Bromophenyl-phenylether	16.635	248	3401	0.406	ng	#	88
22) Hexachlorobenzene	16.751	284	4223	0.449	ng		99
23) Atrazine	16.913	200	2384	0.345	ng		99
24) Pentachlorophenol	17.109	266	710	0.201	ng		96
25) Phenanthrene	17.490	178	17075	0.375	ng		100
26) Anthracene	17.582	178	13332	0.345	ng		100
28) Fluoranthene	19.514	202	15623	0.318	ng		100
30) Pyrene	19.877	202	16829	0.431	ng		99
32) Benzo(a)anthracene	21.629	228	10896	0.362	ng		98
33) Chrysene	21.682	228	12186	0.389	ng		100
34) Bis(2-ethylhexyl)phtha...	21.539	149	7427	0.369	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.796	276	10605	0.352	ng		99
37) Benzo(b)fluoranthene	23.381	252	10711	0.372	ng	#	88
38) Benzo(k)fluoranthene	23.431	252	10214	0.363	ng	#	87
39) Benzo(a)pyrene	24.042	252	8225	0.359	ng	#	84
40) Dibenzo(a,h)anthracene	26.823	278	8125	0.341	ng	#	90
41) Benzo(g,h,i)perylene	27.606	276	9815	0.400	ng		97

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

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