Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
Data File : BN019147.D
Acq On : 25 Mar 2022 05:31
Operator : CG/JU
Sample : PB143559BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143559BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

Quant Time: Mar 25 06:01:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4193	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	10955	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	6405	0.400	ng		-0.01
19) Phenanthrene-d10	17.225	188	12945	0.400	ng		-0.01
29) Chrysene-d12	21.422	240	9178	0.400	ng		# 0.00
35) Perylene-d12	23.787	264	7593	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3005	0.320	ng		0.00
5) Phenol-d6	7.009	99	2890	0.293	ng		0.00
8) Nitrobenzene-d5	9.014	82	2330	0.295	ng		0.00
11) 2-Methylnaphthalene-d10	12.246	152	5941	0.327	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	703	0.227	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	9052	0.353	ng		-0.01
27) Fluoranthene-d10	19.261	212	13371	0.348	ng		0.00
31) Terphenyl-d14	19.860	244	7671	0.340	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1886	0.364	ng		93
3) n-Nitrosodimethylamine	3.579	42	1693	0.280	ng	#	95
6) bis(2-Chloroethyl)ether	7.269	93	3767	0.321	ng		95
9) Naphthalene	10.701	128	11092	0.356	ng		99
10) Hexachlorobutadiene	11.000	225	2631	0.345	ng	#	100
12) 2-Methylnaphthalene	12.321	142	6907	0.326	ng		98
16) Acenaphthylene	14.206	152	9252	0.311	ng		100
17) Acenaphthene	14.549	154	7090	0.340	ng		98
18) Fluorene	15.532	166	8849	0.337	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	360	0.257	ng	#	48
21) 4-Bromophenyl-phenylether	16.425	248	2744	0.336	ng		96
22) Hexachlorobenzene	16.549	284	3922	0.373	ng		99
23) Atrazine	16.682	200	1599	0.262	ng		97
24) Pentachlorophenol	16.897	266	425	0.132	ng		97
25) Phenanthrene	17.266	178	13826	0.342	ng		99
26) Anthracene	17.359	178	10094	0.295	ng		100
28) Fluoranthene	19.291	202	16682	0.351	ng		99
30) Pyrene	19.653	202	17066	0.373	ng		99
32) Benzo(a)anthracene	21.404	228	8528	0.301	ng		98
33) Chrysene	21.458	228	14089	0.369	ng		100
34) Bis(2-ethylhexyl)phtha...	21.333	149	5526	0.295	ng		100
36) Indeno(1,2,3-cd)pyrene	26.246	276	10976m	0.401	ng		
37) Benzo(b)fluoranthene	23.068	252	9053m	0.327	ng		
38) Benzo(k)fluoranthene	23.112	252	14056m	0.370	ng		
39) Benzo(a)pyrene	23.688	252	8950	0.355	ng	#	76
40) Dibenzo(a,h)anthracene	26.267	278	7914m	0.371	ng		
41) Benzo(g,h,i)perylene	26.989	276	10933	0.406	ng		98

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

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