Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019110.D
Acq On : 24 Mar 2022 03:57
Operator : CG/JU
Sample : PB143552BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 05:33:19 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	4258	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	11174	0.400	ng		# 0.00
13) Acenaphthene-d10	14.484	164	6570	0.400	ng		-0.01
19) Phenanthrene-d10	17.225	188	13176	0.400	ng		-0.01
29) Chrysene-d12	21.422	240	9738	0.400	ng		# 0.00
35) Perylene-d12	23.787	264	8244	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3122	0.327	ng		0.00
5) Phenol-d6	7.017	99	2997	0.300	ng		0.00
8) Nitrobenzene-d5	9.014	82	2407	0.299	ng		0.00
11) 2-Methylnaphthalene-d10	12.246	152	5978	0.322	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	737	0.232	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	9272	0.352	ng		-0.01
27) Fluoranthene-d10	19.261	212	13838	0.354	ng		0.00
31) Terphenyl-d14	19.860	244	7800	0.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1924	0.366	ng		94
3) n-Nitrosodimethylamine	3.579	42	1749	0.285	ng		97
6) bis(2-Chloroethyl)ether	7.269	93	3992	0.335	ng		98
9) Naphthalene	10.701	128	11354	0.357	ng		99
10) Hexachlorobutadiene	11.000	225	2684	0.345	ng	#	99
12) 2-Methylnaphthalene	12.321	142	7036	0.326	ng		99
16) Acenaphthylene	14.206	152	9598	0.315	ng		100
17) Acenaphthene	14.549	154	7249	0.339	ng		98
18) Fluorene	15.532	166	8963	0.333	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	369	0.258	ng	#	55
21) 4-Bromophenyl-phenylether	16.425	248	2854	0.343	ng	#	94
22) Hexachlorobenzene	16.549	284	4038	0.377	ng		97
23) Atrazine	16.682	200	1695	0.273	ng		96
24) Pentachlorophenol	16.897	266	452	0.138	ng		93
25) Phenanthrene	17.267	178	14268	0.346	ng		100
26) Anthracene	17.369	178	10691	0.307	ng		100
28) Fluoranthene	19.291	202	17173	0.355	ng		100
30) Pyrene	19.653	202	17613	0.363	ng		99
32) Benzo(a)anthracene	21.404	228	9264	0.309	ng		98
33) Chrysene	21.458	228	14743	0.364	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	5774	0.290	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.240	276	10754m	0.362	ng		
37) Benzo(b)fluoranthene	23.068	252	9998m	0.332	ng		
38) Benzo(k)fluoranthene	23.115	252	14947m	0.363	ng		
39) Benzo(a)pyrene	23.688	252	9841	0.360	ng	#	80
40) Dibenzo(a,h)anthracene	26.273	278	8060m	0.348	ng		
41) Benzo(g,h,i)perylene	26.983	276	11550	0.395	ng		97

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

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