Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017933.D
Acq On : 12 Dec 2021 10:41
Operator : CG/JU
Sample : PB141185BSD
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141185BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 13 00:39:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.706	152	39647	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	162823	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	100622	0.400	ng		0.00
19) Phenanthrene-d10	17.093	188	195866	0.400	ng		0.00
29) Chrysene-d12	21.293	240	146850	0.400	ng		0.00
35) Perylene-d12	23.586	264	104260	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	29371	0.359	ng		0.00
5) Phenol-d6	6.894	99	29544	0.364	ng		0.00
8) Nitrobenzene-d5	8.847	82	32806	0.309	ng		-0.01
11) 2-Methylnaphthalene-d10	12.085	152	100629	0.351	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	6971	0.460	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	125928	0.356	ng		0.00
27) Fluoranthene-d10	19.124	212	209594	0.330	ng		0.00
31) Terphenyl-d14	19.735	244	128847	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	4620	0.384	ng		98
3) n-Nitrosodimethylamine	3.602	42	13279	0.365	ng		95
6) bis(2-Chloroethyl)ether	7.143	93	37021	0.372	ng		100
9) Naphthalene	10.532	128	140811	0.348	ng		100
10) Hexachlorobutadiene	10.836	225	38533	0.334	ng	#	100
12) 2-Methylnaphthalene	12.161	142	96275	0.357	ng		99
16) Acenaphthylene	14.056	152	128851	0.343	ng		100
17) Acenaphthene	14.398	154	92109	0.353	ng		99
18) Fluorene	15.388	166	111943	0.352	ng		100
20) 4,6-Dinitro-2-methylph...	15.515	198	163	0.585	ng	#	67
21) 4-Bromophenyl-phenylether	16.289	248	38272	0.341	ng		94
22) Hexachlorobenzene	16.399	284	50905	0.348	ng		99
23) Atrazine	16.557	200	21863	0.318	ng		94
24) Pentachlorophenol	16.764	266	1680	0.457	ng		98
25) Phenanthrene	17.129	178	176476	0.353	ng		100
26) Anthracene	17.226	178	143086	0.343	ng		99
28) Fluoranthene	19.159	202	212718	0.345	ng		100
30) Pyrene	19.522	202	210137	0.365	ng		100
32) Benzo(a)anthracene	21.272	228	134207	0.335	ng		98
33) Chrysene	21.325	228	162846	0.338	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	47664	0.302	ng		100
36) Indeno(1,2,3-cd)pyrene	25.958	276	49574	0.314	ng		100
37) Benzo(b)fluoranthene	22.894	252	110591	0.321	ng		100
38) Benzo(k)fluoranthene	22.939	252	107776	0.321	ng		100
39) Benzo(a)pyrene	23.490	252	99607	0.325	ng		98
40) Dibenzo(a,h)anthracene	25.982	278	36391m	0.344	ng		
41) Benzo(g,h,i)perylene	26.673	276	49490	0.299	ng		99

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

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