Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017915.D
Acq On : 11 Dec 2021 22:01
Operator : CG/JU
Sample : PB141187BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141187BS

Manual Integrations APPROVED

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

Quant Time: Dec 12 02:51:34 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	7.715	152	31017	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	126396	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	77992	0.400	ng		0.00
19) Phenanthrene-d10	17.092	188	150633	0.400	ng		0.00
29) Chrysene-d12	21.293	240	108211	0.400	ng		0.00
35) Perylene-d12	23.592	264	77359	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	21916	0.343	ng		0.00
5) Phenol-d6	6.894	99	21442	0.338	ng		0.00
8) Nitrobenzene-d5	8.859	82	23640	0.286	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	77596	0.349	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	4402	0.436	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	94988	0.346	ng		0.00
27) Fluoranthene-d10	19.129	212	159278	0.326	ng		0.00
31) Terphenyl-d14	19.740	244	95476	0.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	3358	0.357	ng		99
3) n-Nitrosodimethylamine	3.602	42	9829	0.345	ng		96
6) bis(2-Chloroethyl)ether	7.143	93	28574	0.367	ng		100
9) Naphthalene	10.545	128	109117	0.347	ng		100
10) Hexachlorobutadiene	10.836	225	30241	0.338	ng	#	100
12) 2-Methylnaphthalene	12.161	142	74349	0.356	ng		99
16) Acenaphthylene	14.055	152	94606	0.325	ng		100
17) Acenaphthene	14.398	154	71340	0.353	ng		100
18) Fluorene	15.388	166	84348	0.342	ng		100
21) 4-Bromophenyl-phenylether	16.289	248	27882	0.323	ng		99
22) Hexachlorobenzene	16.399	284	39319	0.349	ng		100
23) Atrazine	16.569	200	17023	0.321	ng		99
24) Pentachlorophenol	16.776	266	824	0.352	ng		97
25) Phenanthrene	17.129	178	132749	0.345	ng		100
26) Anthracene	17.226	178	103615	0.323	ng		99
28) Fluoranthene	19.159	202	162260	0.342	ng		100
30) Pyrene	19.521	202	159270	0.375	ng		100
32) Benzo(a)anthracene	21.282	228	89620	0.308	ng		99
33) Chrysene	21.325	228	124198	0.349	ng		100
34) Bis(2-ethylhexyl)phtha...	21.219	149	33173	0.286	ng		100
36) Indeno(1,2,3-cd)pyrene	25.968	276	41315m	0.342	ng		
37) Benzo(b)fluoranthene	22.898	252	78390	0.307	ng		99
38) Benzo(k)fluoranthene	22.942	252	105241m	0.423	ng		
39) Benzo(a)pyrene	23.497	252	72398	0.319	ng		98
40) Dibenzo(a,h)anthracene	25.995	278	27683m	0.350	ng		
41) Benzo(g,h,i)perylene	26.676	276	37183	0.302	ng		99

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

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