Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018131.D
Acq On : 20 Dec 2021 20:28
Operator : CG/JU
Sample : PB141527BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141527BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 20 20:58:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	25209	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	100274	0.400	ng		0.00
13) Acenaphthene-d10	14.294	164	57730	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	105245	0.400	ng	#	0.00
29) Chrysene-d12	21.227	240	81229	0.400	ng		0.00
35) Perylene-d12	23.477	264	59308	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	19767	0.362	ng		0.00
5) Phenol-d6	6.859	99	19301	0.352	ng		0.00
8) Nitrobenzene-d5	8.810	82	20000	0.281	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	54880	0.330	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	5923	0.351	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	67534	0.336	ng		0.00
27) Fluoranthene-d10	19.068	212	106194	0.302	ng		0.00
31) Terphenyl-d14	19.678	244	68359	0.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	6102	0.388	ng	#	59
3) n-Nitrosodimethylamine	3.548	42	7874	0.335	ng		98
6) bis(2-Chloroethyl)ether	7.098	93	22432	0.347	ng		100
9) Naphthalene	10.495	128	83470	0.332	ng		100
10) Hexachlorobutadiene	10.787	225	22769	0.329	ng	#	100
12) 2-Methylnaphthalene	12.114	142	52614	0.335	ng		100
16) Acenaphthylene	14.015	152	65411	0.274	ng		100
17) Acenaphthene	14.357	154	49926	0.329	ng		100
18) Fluorene	15.347	166	58760	0.315	ng		100
20) 4,6-Dinitro-2-methylph...	15.474	198	179	0.223	ng	#	4
21) 4-Bromophenyl-phenylether	16.239	248	20199	0.317	ng	#	89
22) Hexachlorobenzene	16.348	284	26900	0.354	ng		100
23) Atrazine	16.506	200	11312	0.287	ng		96
24) Pentachlorophenol	16.713	266	2702	0.374	ng		98
25) Phenanthrene	17.078	178	91515	0.342	ng		100
26) Anthracene	17.176	178	69846	0.289	ng		100
28) Fluoranthene	19.098	202	106416	0.319	ng		100
30) Pyrene	19.460	202	105401	0.395	ng		100
32) Benzo(a)anthracene	21.217	228	67305	0.275	ng		100
33) Chrysene	21.259	228	89244	0.343	ng		100
34) Bis(2-ethylhexyl)phtha...	21.153	149	31334	0.261	ng		99
36) Indeno(1,2,3-cd)pyrene	25.781	276	33717	0.170	ng		99
37) Benzo(b)fluoranthene	22.803	252	65539m	0.372	ng		
38) Benzo(k)fluoranthene	22.848	252	56207	0.327	ng		99
39) Benzo(a)pyrene	23.385	252	56276	0.314	ng	#	84
40) Dibenzo(a,h)anthracene	25.805	278	21414	0.138	ng		97
41) Benzo(g,h,i)perylene	26.469	276	34768	0.187	ng		99

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

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