Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042621\
Data File : BN014441.D
Acq On : 26 Apr 2021 13:11
Operator : CG/JU
Sample : PB135970BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB135970BSD

Quant Time: Apr 26 13:41:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 12:30:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	7781	0.40	ng		0.00
7) Naphthalene-d8	10.454	136	28601	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	14428	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	31532	0.40	ng	#	0.00
29) Chrysene-d12	21.261	240	26736	0.40	ng	#	0.00
36) Perylene-d12	23.479	264	23141	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	5500	0.34	ng		0.00
5) Phenol-d6	6.847	99	7340	0.37	ng		0.00
8) Nitrobenzene-d5	8.819	82	4769	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.049	152	16576	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1257	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	22127	0.39	ng		0.01
27) Fluoranthene-d10	19.094	212	29343	0.35	ng		0.00
31) Terphenyl-d14	19.700	244	22705	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	3773	0.40	ng		100
3) n-Nitrosodimethylamine	3.593	42	1547	0.39	ng	#	98
6) bis(2-Chloroethyl)ether	7.113	93	7646	0.40	ng		98
9) Naphthalene	10.505	128	28279	0.40	ng		100
10) Hexachlorobutadiene	10.797	225	5421	0.35	ng	#	98
12) 2-Methylnaphthalene	12.124	142	18085	0.39	ng		98
16) Acenaphthylene	14.029	152	18576	0.30	ng		100
17) Acenaphthene	14.372	154	15348	0.38	ng		100
18) Fluorene	15.361	166	18769	0.38	ng		99
20) 4,6-Dinitro-2-methylph...	15.437	198	816	0.23	ng	#	21
21) 4-Bromophenyl-phenylether	16.252	248	5941	0.33	ng	#	80
22) Hexachlorobenzene	16.374	284	8588	0.35	ng		98
23) Atrazine	16.520	200	2518	0.25	ng	#	95
24) Pentachlorophenol	16.715	266	1160	0.26	ng		100
25) Phenanthrene	17.104	178	32950	0.37	ng		100
26) Anthracene	17.189	178	23615	0.34	ng		100
28) Fluoranthene	19.124	202	33684	0.36	ng		99
30) Pyrene	19.491	202	33126	0.42	ng		100
32) Benzo(a)anthracene	21.239	228	26479	0.37	ng		99
33) Chrysene	21.293	228	33173	0.40	ng		99
34) Bis(2-ethylhexyl)phtha...	21.176	149	8184	0.33	ng		99
35) Indeno(1,2,3-cd)pyrene	25.711	276	38676	0.42	ng		99
37) Benzo(b)fluoranthene	22.815	252	31729	0.37	ng		98
38) Benzo(k)fluoranthene	22.860	252	34669	0.40	ng		99
39) Benzo(a)pyrene	23.383	252	28646	0.40	ng	#	94
40) Dibenzo(a,h)anthracene	25.728	278	31925	0.40	ng		99
41) Benzo(g,h,i)perylene	26.392	276	34565	0.41	ng		98

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

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