Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040821\
Data File : BN014243.D
Acq On : 08 Apr 2021 19:00
Operator : CG/JU
Sample : PB135178BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135178BSD

Manual Integrations APPROVED
mohammad
4/9/2021 11:17:40 AM

Quant Time: Apr 09 02:29:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 08 01:18:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	9218	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	36555	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	21965	0.40	ng	-0.01
19) Phenanthrene-d10	17.091	188	46734	0.40	ng	#-0.01
29) Chrysene-d12	21.290	240	46424	0.40	ng	#-0.01
36) Perylene-d12	23.527	264	46229	0.40	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	9193	0.37	ng	0.00
5) Phenol-d6	6.887	99	12218	0.36	ng	0.00
8) Nitrobenzene-d5	8.870	82	8848	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	24978	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	3383	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	33337	0.44	ng	0.00
27) Fluoranthene-d10	19.131	212	54547	0.39	ng	0.00
31) Terphenyl-d14	19.737	244	44175	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	4375	0.43	ng	# 81
3) n-Nitrosodimethylamine	3.641	42	1753	0.36	ng	# 70
6) bis(2-Chloroethyl)ether	7.161	93	9535	0.42	ng	93
9) Naphthalene	10.543	128	38048	0.41	ng	99
10) Hexachlorobutadiene	10.847	225	7573	0.43	ng	# 99
12) 2-Methylnaphthalene	12.169	142	26676	0.40	ng	99
16) Acenaphthylene	14.067	152	32839	0.33	ng	100
17) Acenaphthene	14.410	154	24909	0.40	ng	100
18) Fluorene	15.399	166	31487	0.39	ng	100
20) 4,6-Dinitro-2-methylph...	15.475	198	1839	0.43	ng	90
21) 4-Bromophenyl-phenylether	16.288	248	10137	0.40	ng	# 82
22) Hexachlorobenzene	16.410	284	12540	0.45	ng	96
23) Atrazine	16.556	200	6851	0.27	ng	97
24) Pentachlorophenol	16.751	266	3290m	0.28	ng	
25) Phenanthrene	17.140	178	52728	0.42	ng	99
26) Anthracene	17.225	178	44664	0.37	ng	100
28) Fluoranthene	19.161	202	59753	0.41	ng	99
30) Pyrene	19.523	202	60519	0.41	ng	100
32) Benzo(a)anthracene	21.268	228	56346	0.38	ng	98
33) Chrysene	21.321	228	61221	0.43	ng	98
34) Bis(2-ethylhexyl)phtha...	21.215	149	17253	0.19	ng	99
35) Indeno(1,2,3-cd)pyrene	25.783	276	79422	0.45	ng	99
37) Benzo(b)fluoranthene	22.857	252	63925	0.42	ng	97
38) Benzo(k)fluoranthene	22.901	252	69398	0.48	ng	97
39) Benzo(a)pyrene	23.432	252	56670	0.41	ng	# 92
40) Dibenzo(a,h)anthracene	25.800	278	65502	0.46	ng	99
41) Benzo(g,h,i)perylene	26.471	276	63237	0.43	ng	98

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

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