Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
Data File : BN013769.D
Acq On : 25 Feb 2021 15:36
Operator : CG/JU
Sample : PB134794BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134794BSD

Quant Time: Feb 25 16:09:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.741	152	4930	0.40	ng		0.00
7) Naphthalene-d8	10.518	136	18719	0.40	ng		#-0.01
13) Acenaphthene-d10	14.372	164	10843	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	23384	0.40	ng		-0.01
29) Chrysene-d12	21.300	240	23309	0.40	ng		# 0.00
36) Perylene-d12	23.548	264	22382	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	5577	0.42	ng		0.00
5) Phenol-d6	6.903	99	7373	0.42	ng		0.00
8) Nitrobenzene-d5	8.883	82	5624	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.115	152	12404	0.41	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	1865	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	16372	0.43	ng		0.00
27) Fluoranthene-d10	19.156	212	26841	0.39	ng		0.00
31) Terphenyl-d14	19.756	244	20926	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	2771	0.46	ng		95
3) n-Nitrosodimethylamine	3.585	42	2095	0.46	ng	#	91
6) bis(2-Chloroethyl)ether	7.169	93	5598	0.45	ng		95
9) Naphthalene	10.568	128	19479	0.42	ng		99
10) Hexachlorobutadiene	10.872	225	3744	0.42	ng	#	99
12) 2-Methylnaphthalene	12.191	142	13378	0.41	ng		99
16) Acenaphthylene	14.092	152	18880	0.39	ng		100
17) Acenaphthene	14.435	154	12496	0.41	ng		99
18) Fluorene	15.425	166	15528	0.40	ng		100
20) 4,6-Dinitro-2-methylph...	15.501	198	473	0.29	ng	#	1
21) 4-Bromophenyl-phenylether	16.325	248	5180	0.41	ng	#	82
22) Hexachlorobenzene	16.434	284	5732	0.43	ng		99
23) Atrazine	16.592	200	4069	0.34	ng		99
24) Pentachlorophenol	16.775	266	1949	0.45	ng		96
25) Phenanthrene	17.164	178	25614	0.42	ng		100
26) Anthracene	17.250	178	22822	0.38	ng		99
28) Fluoranthene	19.186	202	29123	0.40	ng		99
30) Pyrene	19.543	202	29683	0.41	ng		100
32) Benzo(a)anthracene	21.290	228	27910	0.39	ng		99
33) Chrysene	21.332	228	29569	0.42	ng		99
34) Bis(2-ethylhexyl)phtha...	21.237	149	10299	0.30	ng		100
35) Indeno(1,2,3-cd)pyrene	25.811	276	33642	0.40	ng		99
37) Benzo(b)fluoranthene	22.874	252	29545	0.41	ng	#	94
38) Benzo(k)fluoranthene	22.918	252	30632	0.44	ng	#	93
39) Benzo(a)pyrene	23.449	252	26316	0.41	ng	#	90
40) Dibenzo(a,h)anthracene	25.828	278	28370	0.42	ng		98
41) Benzo(g,h,i)perylene	26.499	276	28766	0.42	ng		98

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

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