Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022946.D
Acq On : 29 Nov 2022 10:55
Operator : CG/JU
Sample : N5671-16MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D3-20221116MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 00:21:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	7037	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	17894	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	7979	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	14896	0.400	ng		#-0.01
29) Chrysene-d12	21.634	240	10209	0.400	ng		# 0.00
35) Perylene-d12	24.120	264	7969	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	1974	0.108	ng		0.00
5) Phenol-d6	7.204	99	1870	0.080	ng		0.00
8) Nitrobenzene-d5	9.217	82	4867	0.350	ng		-0.01
11) 2-Methylnaphthalene-d10	12.465	152	11080m	0.285	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	827	0.215	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	13609	0.373	ng		0.00
27) Fluoranthene-d10	19.473	212	13273	0.328	ng		0.00
31) Terphenyl-d14	20.067	244	9958	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	4399	0.493	ng	#	93
3) n-Nitrosodimethylamine	3.774	42	1012	0.105	ng	#	93
6) bis(2-Chloroethyl)ether	7.472	93	7161	0.327	ng		99
9) Naphthalene	10.936	128	17464	0.317	ng		99
10) Hexachlorobutadiene	11.224	225	3170	0.280	ng	#	97
12) 2-Methylnaphthalene	12.151	142	2178	0.194	ng	#	93
16) Acenaphthylene	14.420	152	12398m	0.293	ng		
17) Acenaphthene	14.762	154	9076	0.327	ng		98
18) Fluorene	15.739	166	11058	0.311	ng		99
20) 4,6-Dinitro-2-methylph...	15.813	198	450	0.270	ng		90
21) 4-Bromophenyl-phenylether	16.632	248	4222	0.393	ng		93
22) Hexachlorobenzene	16.756	284	4810	0.366	ng		99
23) Atrazine	16.905	200	2509m	0.331	ng		
24) Pentachlorophenol	17.092	266	821	0.228	ng		94
25) Phenanthrene	17.489	178	19151	0.370	ng		99
26) Anthracene	17.576	178	15700	0.349	ng		100
28) Fluoranthene	19.502	202	19630	0.356	ng		99
30) Pyrene	19.865	202	19638	0.369	ng		100
32) Benzo(a)anthracene	21.616	228	15313	0.371	ng		99
33) Chrysene	21.670	228	17388	0.406	ng		99
34) Bis(2-ethylhexyl)phtha...	21.544	149	5686	0.343	ng		99
36) Indeno(1,2,3-cd)pyrene	26.728	276	13928	0.421	ng		99
37) Benzo(b)fluoranthene	23.360	252	15880	0.446	ng	#	95
38) Benzo(k)fluoranthene	23.410	252	16159	0.419	ng	#	96
39) Benzo(a)pyrene	24.009	252	11259	0.415	ng	#	93
40) Dibenzo(a,h)anthracene	26.752	278	11508	0.438	ng		97
41) Benzo(g,h,i)perylene	27.526	276	11111	0.393	ng		98

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

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