Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016744.D
Acq On : 05 Oct 2021 13:07
Operator : CG/JU
Sample : M3829-22MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW202D-20210918MS

Quant Time: Oct 05 13:45:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	25266	0.400	ng		0.00
7) Naphthalene-d8	10.406	136	114223	0.400	ng	#	0.00
13) Acenaphthene-d10	14.269	164	59006	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	114701	0.400	ng		0.00
29) Chrysene-d12	21.238	240	117055	0.400	ng		0.00
35) Perylene-d12	23.491	264	121873	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.272	112	7349	0.114	ng		0.02
5) Phenol-d6	6.831	99	4655	0.065	ng		0.00
8) Nitrobenzene-d5	8.784	82	17343	0.217	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	44524	0.262	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	8697	0.373	ng		-0.01
15) 2-Fluorobiphenyl	12.898	172	58434	0.248	ng		0.00
27) Fluoranthene-d10	19.068	212	126390	0.403	ng		0.00
31) Terphenyl-d14	19.678	244	105462	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	7512	0.637	ng	#	67
3) n-Nitrosodimethylamine	3.585	42	1909	0.100	ng	#	75
6) bis(2-Chloroethyl)ether	7.080	93	19181	0.279	ng		100
9) Naphthalene	10.457	128	83393	0.267	ng		100
10) Hexachlorobutadiene	10.749	225	13584	0.233	ng	#	100
12) 2-Methylnaphthalene	12.078	142	54486	0.274	ng		100
16) Acenaphthylene	13.989	152	71131	0.273	ng		100
17) Acenaphthene	14.332	154	46665	0.271	ng		99
18) Fluorene	15.322	166	60740	0.293	ng		100
20) 4,6-Dinitro-2-methylph...	15.410	198	2762	0.546	ng	#	69
21) 4-Bromophenyl-phenylether	16.226	248	20763	0.297	ng		92
22) Hexachlorobenzene	16.336	284	23206	0.293	ng		100
23) Atrazine	16.506	200	20231	0.366	ng		98
24) Pentachlorophenol	16.677	266	21409	0.894	ng		99
25) Phenanthrene	17.066	178	117756	0.349	ng		100
26) Anthracene	17.151	178	103056	0.342	ng		100
28) Fluoranthene	19.097	202	158747	0.424	ng		100
30) Pyrene	19.460	202	161352	0.419	ng		100
32) Benzo(a)anthracene	21.217	228	166890	0.460	ng		99
33) Chrysene	21.270	228	168885	0.459	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	125857	0.572	ng		100
36) Indeno(1,2,3-cd)pyrene	25.771	276	204451	0.528	ng		100
37) Benzo(b)fluoranthene	22.813	252	180061	0.457	ng		100
38) Benzo(k)fluoranthene	22.858	252	179653	0.474	ng		100
39) Benzo(a)pyrene	23.392	252	166911	0.473	ng		99
40) Dibenzo(a,h)anthracene	25.795	278	165090	0.538	ng		100
41) Benzo(g,h,i)perylene	26.469	276	179629	0.523	ng		99

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

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