Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022422\
Data File : BN018721.D
Acq On : 24 Feb 2022 23:42
Operator : CG/JU
Sample : SP5832
Misc : 8270 SIM SPIKE
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP5832

Quant Time: Feb 25 00:49:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	8156	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	20140	0.400	ng	0.00
13) Acenaphthene-d10	14.538	164	9239	0.400	ng	-0.01
19) Phenanthrene-d10	17.287	188	15685	0.400	ng	0.00
29) Chrysene-d12	21.458	240	10359	0.400	ng	# 0.00
35) Perylene-d12	23.861	264	8728	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng	
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
27) Fluoranthene-d10	0.000	212	0d	0.000	ng	
31) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	2809	0.297	ng	# 69
3) n-Nitrosodimethylamine	3.644	42	3447	0.367	ng	# 86
6) bis(2-Chloroethyl)ether	7.327	93	7604	0.345	ng	99
9) Naphthalene	10.765	128	18840	0.324	ng	99
10) Hexachlorobutadiene	11.064	225	4157	0.297	ng	# 100
12) 2-Methylnaphthalene	12.378	142	12339	0.317	ng	97
16) Acenaphthylene	14.260	152	13566	0.310	ng	100
17) Acenaphthene	14.602	154	9380	0.310	ng	99
18) Fluorene	15.586	166	10877	0.299	ng	99
20) 4,6-Dinitro-2-methylph...	15.660	198	495	0.293	ng	94
21) 4-Bromophenyl-phenylether	16.477	248	3271	0.293	ng	95
22) Hexachlorobenzene	16.600	284	4422	0.317	ng	# 89
23) Atrazine	16.733	200	1657	0.269	ng	# 94
24) Pentachlorophenol	16.938	266	1668	0.532	ng	99
25) Phenanthrene	17.328	178	15911	0.303	ng	100
26) Anthracene	17.410	178	13048	0.294	ng	100
28) Fluoranthene	19.341	202	14695	0.268	ng	# 97
30) Pyrene	19.704	202	15047	0.325	ng	100
32) Benzo(a)anthracene	21.449	228	11885	0.303	ng	99
33) Chrysene	21.503	228	13658	0.312	ng	98
34) Bis(2-ethylhexyl)phtha...	21.378	149	4157	0.260	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.343	276	13930	0.302	ng	# 88
37) Benzo(b)fluoranthene	23.130	252	13099	0.330	ng	# 91
38) Benzo(k)fluoranthene	23.176	252	12518	0.318	ng	# 91
39) Benzo(a)pyrene	23.752	252	11271	0.357	ng	# 88
40) Dibenzo(a,h)anthracene	26.360	278	11416	0.318	ng	# 89
41) Benzo(g,h,i)perylene	27.103	276	13304	0.337	ng	# 87

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

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