Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016729.D
Acq On : 05 Oct 2021 04:02
Operator : CG/JU
Sample : PB139585BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139585BS

Quant Time: Oct 05 05:34:21 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	26029	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	115327	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	59975	0.40	ng	0.00
19) Phenanthrene-d10	17.030	188	112858	0.40	ng	0.00
29) Chrysene-d12	21.238	240	113516	0.40	ng	# 0.00
35) Perylene-d12	23.488	264	118388	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	24661	0.37	ng	0.00
5) Phenol-d6	6.822	99	27117	0.37	ng	0.00
8) Nitrobenzene-d5	8.785	82	26463	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	64329	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.779	330	9307	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	90758	0.38	ng	0.00
27) Fluoranthene-d10	19.068	212	118886	0.39	ng	0.00
31) Terphenyl-d14	19.679	244	97847	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	4493	0.37	ng	# 64
3) n-Nitrosodimethylamine	3.595	42	7316	0.37	ng	98
6) bis(2-Chloroethyl)ether	7.080	93	27502	0.39	ng	100
9) Naphthalene	10.457	128	117668	0.37	ng	100
10) Hexachlorobutadiene	10.749	225	22263	0.38	ng	# 100
12) 2-Methylnaphthalene	12.078	142	76474	0.38	ng	100
16) Acenaphthylene	13.990	152	94545	0.36	ng	100
17) Acenaphthene	14.332	154	65678	0.38	ng	99
18) Fluorene	15.322	166	80485	0.38	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	2094	0.49	ng	# 71
21) 4-Bromophenyl-phenylether	16.227	248	25550	0.37	ng	94
22) Hexachlorobenzene	16.336	284	29835	0.38	ng	100
23) Atrazine	16.507	200	17312	0.32	ng	98
24) Pentachlorophenol	16.689	266	8106	0.55	ng	99
25) Phenanthrene	17.066	178	125889	0.38	ng	100
26) Anthracene	17.164	178	105563	0.36	ng	100
28) Fluoranthene	19.098	202	145956	0.40	ng	100
30) Pyrene	19.460	202	145223	0.39	ng	100
32) Benzo(a)anthracene	21.217	228	135794	0.39	ng	99
33) Chrysene	21.270	228	142434	0.40	ng	99
34) Bis(2-ethylhexyl)phtha...	21.174	149	56337	0.26	ng	100
36) Indeno(1,2,3-cd)pyrene	25.771	276	167066	0.44	ng	98
37) Benzo(b)fluoranthene	22.810	252	146006	0.38	ng	99
38) Benzo(k)fluoranthene	22.855	252	150955	0.41	ng	98
39) Benzo(a)pyrene	23.389	252	136108	0.40	ng	99
40) Dibenzo(a,h)anthracene	25.792	278	133471	0.45	ng	99
41) Benzo(g,h,i)perylene	26.466	276	145465	0.44	ng	100

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

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