Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016673.D
Acq On : 02 Oct 2021 16:33
Operator : CG/JU
Sample : PB139306BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139306BS

Quant Time: Oct 04 03:34:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	36550	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	161698	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	85988	0.40	ng	0.00
19) Phenanthrene-d10	17.017	188	160156	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	152389	0.40	ng	0.00
35) Perylene-d12	23.488	264	155562	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	32997	0.35	ng	0.00
5) Phenol-d6	6.822	99	36030	0.35	ng	0.00
8) Nitrobenzene-d5	8.784	82	34192	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	89562	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	12572	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	127101	0.37	ng	-0.01
27) Fluoranthene-d10	19.068	212	156716	0.37	ng	0.00
31) Terphenyl-d14	19.678	244	129930	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	4980	0.30	ng	# 88
3) n-Nitrosodimethylamine	3.594	42	10136	0.38	ng	96
6) bis(2-Chloroethyl)ether	7.080	93	38387	0.39	ng	100
9) Naphthalene	10.457	128	161403	0.37	ng	100
10) Hexachlorobutadiene	10.749	225	31303	0.38	ng	# 100
12) 2-Methylnaphthalene	12.078	142	106619	0.38	ng	98
16) Acenaphthylene	13.990	152	130394	0.35	ng	100
17) Acenaphthene	14.332	154	93127	0.37	ng	100
18) Fluorene	15.322	166	111019	0.37	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	2370	0.25	ng	100
21) 4-Bromophenyl-phenylether	16.226	248	35529	0.36	ng	# 92
22) Hexachlorobenzene	16.324	284	42955	0.37	ng	99
23) Atrazine	16.494	200	21886	0.30	ng	# 90
24) Pentachlorophenol	16.677	266	11530	0.30	ng	99
25) Phenanthrene	17.066	178	178886	0.37	ng	100
26) Anthracene	17.151	178	143508	0.34	ng	100
28) Fluoranthene	19.093	202	197117	0.38	ng	100
30) Pyrene	19.460	202	195227	0.40	ng	100
32) Benzo(a)anthracene	21.217	228	170557	0.36	ng	99
33) Chrysene	21.270	228	190591	0.40	ng	99
34) Bis(2-ethylhexyl)phtha...	21.174	149	54899	0.29	ng	99
36) Indeno(1,2,3-cd)pyrene	25.767	276	196547	0.35	ng	100
37) Benzo(b)fluoranthene	22.810	252	181180	0.36	ng	100
38) Benzo(k)fluoranthene	22.855	252	192203	0.39	ng	99
39) Benzo(a)pyrene	23.389	252	166521	0.37	ng	99
40) Dibenzo(a,h)anthracene	25.788	278	152970	0.34	ng	99
41) Benzo(g,h,i)perylene	26.459	276	172627	0.35	ng	100

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

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