Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016675.D
Acq On : 02 Oct 2021 17:45
Operator : CG/JU
Sample : PB139275BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139275BS

Quant Time: Oct 04 04:14:11 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	35007	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	152412	0.40	ng	0.00
13) Acenaphthene-d10	14.269	164	79105	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	145676	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	136505	0.40	ng	0.00
35) Perylene-d12	23.484	264	139370	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	31666	0.36	ng	0.02
5) Phenol-d6	6.822	99	34229	0.35	ng	0.00
8) Nitrobenzene-d5	8.784	82	32593	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	83748	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11248	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	118938	0.37	ng	-0.01
27) Fluoranthene-d10	19.063	212	141256	0.36	ng	0.00
31) Terphenyl-d14	19.678	244	115932	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.253	88	5730	0.36	ng	# 87
3) n-Nitrosodimethylamine	3.595	42	9534	0.37	ng	98
6) bis(2-Chloroethyl)ether	7.080	93	35909	0.38	ng	100
9) Naphthalene	10.457	128	153528	0.37	ng	100
10) Hexachlorobutadiene	10.749	225	29403	0.38	ng	# 100
12) 2-Methylnaphthalene	12.078	142	99275	0.38	ng	99
16) Acenaphthylene	13.990	152	119909	0.35	ng	100
17) Acenaphthene	14.332	154	86266	0.37	ng	100
18) Fluorene	15.322	166	101956	0.37	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	1945	0.24	ng	99
21) 4-Bromophenyl-phenylether	16.226	248	31871	0.35	ng	96
22) Hexachlorobenzene	16.324	284	39204	0.37	ng	99
23) Atrazine	16.506	200	19492	0.30	ng	98
24) Pentachlorophenol	16.677	266	10430	0.30	ng	99
25) Phenanthrene	17.066	178	161457	0.37	ng	100
26) Anthracene	17.151	178	128982	0.34	ng	100
28) Fluoranthene	19.098	202	177803	0.38	ng	100
30) Pyrene	19.460	202	176875	0.40	ng	100
32) Benzo(a)anthracene	21.217	228	150300	0.36	ng	99
33) Chrysene	21.270	228	177180	0.42	ng	99
34) Bis(2-ethylhexyl)phtha...	21.164	149	48565	0.29	ng	99
36) Indeno(1,2,3-cd)pyrene	25.761	276	175584	0.35	ng	100
37) Benzo(b)fluoranthene	22.807	252	162023	0.36	ng	99
38) Benzo(k)fluoranthene	22.851	252	172587	0.39	ng	99
39) Benzo(a)pyrene	23.385	252	150040	0.38	ng	99
40) Dibenzo(a,h)anthracene	25.785	278	136386	0.34	ng	100
41) Benzo(g,h,i)perylene	26.456	276	156451	0.36	ng	100

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

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