Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016672.D
Acq On : 02 Oct 2021 15:56
Operator : CG/JU
Sample : PB139443BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139443BS

Quant Time: Oct 04 03:34:18 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	32959	0.40	ng	0.00
7) Naphthalene-d8	10.407	136	145208	0.40	ng	# 0.00
13) Acenaphthene-d10	14.269	164	76687	0.40	ng	0.00
19) Phenanthrene-d10	17.018	188	141600	0.40	ng	#-0.01
29) Chrysene-d12	21.238	240	134021	0.40	ng	0.00
35) Perylene-d12	23.484	264	135188	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	29827	0.36	ng	0.00
5) Phenol-d6	6.822	99	32466	0.35	ng	0.00
8) Nitrobenzene-d5	8.784	82	30295	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	81487	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11158	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	116258	0.37	ng	-0.01
27) Fluoranthene-d10	19.068	212	139900	0.37	ng	0.00
31) Terphenyl-d14	19.678	244	116195	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	4661	0.31	ng	# 89
3) n-Nitrosodimethylamine	3.595	42	9194	0.38	ng	97
6) bis(2-Chloroethyl)ether	7.080	93	34844	0.39	ng	100
9) Naphthalene	10.457	128	148435	0.38	ng	100
10) Hexachlorobutadiene	10.749	225	28531	0.39	ng	# 100
12) 2-Methylnaphthalene	12.074	142	97049	0.39	ng	100
16) Acenaphthylene	13.990	152	117366	0.35	ng	100
17) Acenaphthene	14.332	154	84471	0.37	ng	100
18) Fluorene	15.322	166	100520	0.38	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	2074	0.25	ng	99
21) 4-Bromophenyl-phenylether	16.227	248	31787	0.36	ng	94
22) Hexachlorobenzene	16.324	284	39196	0.38	ng	99
23) Atrazine	16.506	200	19493	0.31	ng	99
24) Pentachlorophenol	16.677	266	10535	0.31	ng	100
25) Phenanthrene	17.066	178	162598	0.38	ng	100
26) Anthracene	17.151	178	129611	0.35	ng	100
28) Fluoranthene	19.098	202	177073	0.38	ng	100
30) Pyrene	19.460	202	173250	0.40	ng	100
32) Benzo(a)anthracene	21.217	228	150254	0.37	ng	100
33) Chrysene	21.270	228	170664	0.41	ng	100
34) Bis(2-ethylhexyl)phtha...	21.174	149	46942	0.29	ng	99
36) Indeno(1,2,3-cd)pyrene	25.764	276	172250	0.36	ng	100
37) Benzo(b)fluoranthene	22.810	252	159163	0.37	ng	100
38) Benzo(k)fluoranthene	22.855	252	169079	0.39	ng	99
39) Benzo(a)pyrene	23.385	252	144590	0.37	ng	99
40) Dibenzo(a,h)anthracene	25.788	278	134422	0.35	ng	100
41) Benzo(g,h,i)perylene	26.459	276	153850	0.36	ng	100

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

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