Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
Data File : BN015012.D
Acq On : 23 Jun 2021 17:06
Operator : CG/JU
Sample : PB137284BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB137284BSD

Quant Time: Jun 24 01:10:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 16:24:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	20728	0.400	ng	# 0.00
7) Naphthalene-d8	10.518	136	90115	0.400	ng	# 0.01
13) Acenaphthene-d10	14.358	164	46516	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	88087	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	79577	0.400	ng	# 0.00
35) Perylene-d12	23.550	264	71250	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	22229	0.347	ng	0.00
5) Phenol-d6	6.911	99	26842	0.331	ng	0.00
8) Nitrobenzene-d5	8.883	82	21666	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	54473	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	6030	0.276	ng	0.00
15) 2-Fluorobiphenyl	12.975	172	70665	0.400	ng	0.00
27) Fluoranthene-d10	19.138	212	93936	0.338	ng	0.00
31) Terphenyl-d14	19.744	244	72009	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	3596	0.414	ng	# 71
3) n-Nitrosodimethylamine	3.702	42	6508	0.338	ng	# 72
6) bis(2-Chloroethyl)ether	7.178	93	24761	0.388	ng	# 84
9) Naphthalene	10.556	128	96682	0.383	ng	97
10) Hexachlorobutadiene	10.860	225	18732	0.374	ng	# 99
12) 2-Methylnaphthalene	12.173	142	62887	0.370	ng	# 89
16) Acenaphthylene	14.079	152	76091	0.324	ng	98
17) Acenaphthene	14.422	154	53560	0.373	ng	98
18) Fluorene	15.411	166	64810	0.365	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	1079	0.304	ng	# 57
21) 4-Bromophenyl-phenylether	16.300	248	20233	0.355	ng	89
22) Hexachlorobenzene	16.410	284	23339	0.388	ng	# 93
23) Atrazine	16.568	200	12622	0.248	ng	94
24) Pentachlorophenol	16.751	266	5272	0.239	ng	99
25) Phenanthrene	17.140	178	105654	0.393	ng	99
26) Anthracene	17.237	178	89744	0.342	ng	99
28) Fluoranthene	19.168	202	115685	0.380	ng	# 97
30) Pyrene	19.530	202	114821	0.364	ng	99
32) Benzo(a)anthracene	21.281	228	100867	0.336	ng	98
33) Chrysene	21.334	228	110386	0.384	ng	98
34) Bis(2-ethylhexyl)phtha...	21.228	149	33538	0.160	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.813	276	83631	0.351	ng	# 86
37) Benzo(b)fluoranthene	22.876	252	99370	0.372	ng	# 96
38) Benzo(k)fluoranthene	22.921	252	109250	0.424	ng	# 94
39) Benzo(a)pyrene	23.454	252	84819	0.361	ng	# 94
40) Dibenzo(a,h)anthracene	25.830	278	64879	0.337	ng	# 91
41) Benzo(g,h,i)perylene	26.501	276	68657	0.332	ng	# 90

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

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