Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102920\
Data File : BN012435.D
Acq On : 29 Oct 2020 13:19
Operator : CG/JU
Sample : PB132672BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB132672BS

Quant Time: Oct 29 13:49:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 28 10:32:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.578	152	564	0.40	ng		# 0.00
7) Naphthalene-d8	10.351	136	2237	0.40	ng		# 0.00
13) Acenaphthene-d10	14.217	164	1298	0.40	ng		0.00
19) Phenanthrene-d10	16.968	188	2736	0.40	ng		# 0.00
29) Chrysene-d12	21.184	240	2746	0.40	ng		# 0.01
36) Perylene-d12	23.357	264	3256	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.194	112	703	0.36	ng		0.00
5) Phenol-d6	6.765	99	799	0.34	ng		0.00
8) Nitrobenzene-d5	8.729	82	846	0.34	ng		0.00
11) 2-Methylnaphthalene-d10	11.953	152	1289	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.727	330	314	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.847	172	1691	0.35	ng		0.00
27) Fluoranthene-d10	19.012	212	3058	0.36	ng		0.00
31) Terphenyl-d14	19.628	244	2357	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.173	88	386	0.42	ng	#	81
3) n-Nitrosodimethylamine	3.487	42	912	0.41	ng	#	62
6) bis(2-Chloroethyl)ether	7.022	93	442	0.28	ng	#	75
9) Naphthalene	10.402	128	2226	0.36	ng	#	93
10) Hexachlorobutadiene	10.681	225	478	0.36	ng	#	96
12) 2-Methylnaphthalene	12.029	142	1467	0.36	ng	#	87
16) Acenaphthylene	13.938	152	2243	0.35	ng		100
17) Acenaphthene	14.281	154	1500	0.37	ng		91
18) Fluorene	15.270	166	1886	0.36	ng		100
20) 4,6-Dinitro-2-methylph...	15.384	198	200	0.31	ng	#	1
21) 4-Bromophenyl-phenylether	16.177	248	609	0.37	ng		93
22) Hexachlorobenzene	16.274	284	811	0.40	ng	#	84
23) Atrazine	16.457	200	566	0.36	ng	#	86
24) Pentachlorophenol	16.639	266	329	0.35	ng		95
25) Phenanthrene	17.017	178	2851	0.36	ng		98
26) Anthracene	17.102	178	2534	0.34	ng		99
28) Fluoranthene	19.042	202	3417	0.36	ng		98
30) Pyrene	19.410	202	3531	0.38	ng		99
32) Benzo(a)anthracene	21.163	228	2889	0.35	ng		97
33) Chrysene	21.216	228	3456	0.37	ng		96
34) Bis(2-ethylhexyl)phtha...	21.099	149	2040	0.37	ng	#	90
35) Indeno(1,2,3-cd)pyrene	25.517	276	5084	0.38	ng	#	95
37) Benzo(b)fluoranthene	22.707	252	3504	0.34	ng	#	86
38) Benzo(k)fluoranthene	22.751	252	4047	0.36	ng	#	85
39) Benzo(a)pyrene	23.261	252	3575	0.36	ng	#	80
40) Dibenzo(a,h)anthracene	25.534	278	3974	0.35	ng	#	84
41) Benzo(g,h,i)perylene	26.171	276	4401	0.37	ng		95

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

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