Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112320\
Data File : BN012695.D
Acq On : 23 Nov 2020 14:05
Operator : CG/JU
Sample : PB133001BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB133001BSD

Manual Integrations APPROVED
mohammad
11/25/2020 12:50:17 PM

Quant Time: Nov 23 14:39:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 12:44:50 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.441	152	531	0.40	ng	# 0.00
7) Naphthalene-d8	10.199	136	2091	0.40	ng	# 0.00
13) Acenaphthene-d10	14.090	164	1126	0.40	ng	0.00
19) Phenanthrene-d10	16.847	188	2315	0.40	ng	# 0.00
29) Chrysene-d12	21.067	240	2518	0.40	ng	# 0.00
36) Perylene-d12	23.183	264	3020	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.058	112	654	0.35	ng	0.00
5) Phenol-d6	6.636	99	729	0.34	ng	0.00
8) Nitrobenzene-d5	8.590	82	908	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.807	152	1249	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.600	330	301	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.708	172	1618	0.37	ng	0.00
27) Fluoranthene-d10	18.894	212	2634	0.37	ng	0.00
31) Terphenyl-d14	19.509	244	2105	0.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.020	88	357	0.43	ng	# 83
3) n-Nitrosodimethylamine	3.350	42	801	0.35	ng	# 64
6) bis(2-Chloroethyl)ether	6.886	93	490	0.33	ng	# 78
9) Naphthalene	10.250	128	2144	0.37	ng	96
10) Hexachlorobutadiene	10.542	225	479	0.37	ng	# 99
12) 2-Methylnaphthalene	11.882	142	1374	0.36	ng	# 87
16) Acenaphthylene	13.811	152	2125	0.38	ng	98
17) Acenaphthene	14.154	154	1340	0.37	ng	91
18) Fluorene	15.156	166	1666	0.36	ng	98
20) 4,6-Dinitro-2-methylph...	15.258	198	167	0.30	ng	# 1
21) 4-Bromophenyl-phenylether	16.056	248	443	0.33	ng	94
22) Hexachlorobenzene	16.153	284	651	0.37	ng	# 85
23) Atrazine	16.335	200	529	0.38	ng	91
24) Pentachlorophenol	16.506	266	317	0.39	ng	95
25) Phenanthrene	16.883	178	2561	0.37	ng	99
26) Anthracene	16.980	178	2342	0.37	ng	99
28) Fluoranthene	18.923	202	2984	0.37	ng	99
30) Pyrene	19.286	202	3042	0.36	ng	99
32) Benzo(a)anthracene	21.046	228	2954	0.37	ng	96
33) Chrysene	21.099	228	3040	0.36	ng	96
34) Bis(2-ethylhexyl)phtha...	20.993	149	3380m	0.62	ng	
35) Indeno(1,2,3-cd)pyrene	25.267	276	4823	0.38	ng	# 97
37) Benzo(b)fluoranthene	22.556	252	3474	0.36	ng	# 89
38) Benzo(k)fluoranthene	22.597	252	3664	0.36	ng	# 90
39) Benzo(a)pyrene	23.090	252	3497	0.37	ng	# 86
40) Dibenzo(a,h)anthracene	25.274	278	4020	0.38	ng	92
41) Benzo(g,h,i)perylene	25.894	276	4052	0.37	ng	95

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

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