Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010620.D
Acq On : 28 Apr 2020 10:42
Operator : CG/JU
Sample : PB128436BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128436BS

Manual Integrations APPROVED
mohammad
4/30/2020 12:05:14 AM

Quant Time: Apr 28 11:16:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 11:13:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4157	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	17604	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	11623	0.40	ng		0.00
19) Phenanthrene-d10	16.96	188	26819	0.40	ng		0.00
27) Chrysene-d12	21.17	240	23465	0.40	ng		0.00
34) Perylene-d12	23.33	264	21561	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3129	0.34	ng		0.00
5) Phenol-d6	6.78	99	3981	0.33	ng		0.00
8) Nitrobenzene-d5	8.72	82	3956	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.94	152	10463m	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	1477	0.27	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	13294	0.31	ng		0.00
25) Fluoranthene-d10	19.00	212	23876	0.29	ng		0.00
29) Terphenyl-d14	19.61	244	18999	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	914	0.299	ng	#	82
3) n-Nitrosodimethylamine	3.55	42	785	0.396	ng	#	100
6) bis(2-Chloroethyl)ether	7.03	93	4546	0.441	ng		98
9) Naphthalene	10.39	128	18779	0.430	ng		99
10) Hexachlorobutadiene	10.70	225	4019	0.381	ng	#	99
12) 2-Methylnaphthalene	12.01	142	14036	0.447	ng		98
16) Acenaphthylene	13.93	152	20778	0.414	ng		100
17) Acenaphthene	14.28	154	13564	0.420	ng		100
18) Fluorene	15.27	166	17738	0.420	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	5630	0.378	ng	#	89
21) Hexachlorobenzene	16.28	284	6866	0.404	ng		99
22) Pentachlorophenol	16.62	266	6045	0.904	ng		97
23) Phenanthrene	17.00	178	30050	0.415	ng		99
24) Anthracene	17.09	178	27037	0.408	ng		100
26) Fluoranthene	19.03	202	36260	0.402	ng		99
28) Pyrene	19.39	202	36670	0.464	ng		99
30) Benzo(a)anthracene	21.16	228	30859	0.403	ng		97
31) Chrysene	21.20	228	31199	0.409	ng		99
32) Bis(2-ethylhexyl)phthalate	21.10	149	18707	0.476	ng		99
33) Indeno(1,2,3-cd)pyrene	25.48	276	31207	0.463	ng		100
35) Benzo(b)fluoranthene	22.69	252	28506	0.402	ng		97
36) Benzo(k)fluoranthene	22.73	252	29863	0.420	ng		97
37) Benzo(a)pyrene	23.24	252	26746	0.426	ng		98
38) Dibenzo(a,h)anthracene	25.49	278	25559	0.445	ng	#	88
39) Benzo(g,h,i)perylene	26.12	276	26767	0.463	ng		99

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

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