Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010494.D
Acq On : 15 Apr 2020 01:07
Operator : CG/JU
Sample : PB128093BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128093BS

Manual Integrations APPROVED
mohammad
4/15/2020 3:32:35 PM

Quant Time: Apr 15 09:30:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3661	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	15098	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	9979	0.40	ng	-0.01
19) Phenanthrene-d10	16.97	188	23254	0.40	ng	-0.01
27) Chrysene-d12	21.18	240	23397	0.40	ng	-0.01
34) Perylene-d12	23.35	264	20581	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2881	0.36	ng	0.00
5) Phenol-d6	6.79	99	3653	0.35	ng	0.00
8) Nitrobenzene-d5	8.73	82	5531	0.52	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	8026m	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1480	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	19523	0.54	ng	0.00
25) Fluoranthene-d10	19.01	212	19924	0.28	ng	0.00
29) Terphenyl-d14	19.62	244	25469	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	627	0.233	ng	# 78
3) n-Nitrosodimethylamine	3.55	42	650	0.372	ng	# 96
6) bis(2-Chloroethyl)ether	7.04	93	3399	0.374	ng	99
9) Naphthalene	10.41	128	13885	0.370	ng	98
10) Hexachlorobutadiene	10.71	225	3082	0.341	ng	# 100
12) 2-Methylnaphthalene	12.03	142	10279	0.382	ng	99
16) Acenaphthylene	13.94	152	15547	0.361	ng	99
17) Acenaphthene	14.29	154	10270	0.371	ng	98
18) Fluorene	15.28	166	13491	0.372	ng	99
20) 4-Bromophenyl-phenylether	16.17	248	4438	0.344	ng	# 85
21) Hexachlorobenzene	16.29	284	5401	0.366	ng	99
22) Pentachlorophenol	16.63	266	5614	0.968	ng	96
23) Phenanthrene	17.01	178	23342	0.372	ng	100
24) Anthracene	17.11	178	21137	0.368	ng	99
26) Fluoranthene	19.04	202	29849	0.382	ng	100
28) Pyrene	19.40	202	30506	0.387	ng	99
30) Benzo(a)anthracene	21.16	228	29116	0.381	ng	99
31) Chrysene	21.21	228	29932	0.394	ng	100
32) Bis(2-ethylhexyl)phthalate	21.11	149	12752	0.326	ng	98
33) Indeno(1,2,3-cd)pyrene	25.49	276	27412	0.408	ng	99
35) Benzo(b)fluoranthene	22.70	252	26704	0.394	ng	100
36) Benzo(k)fluoranthene	22.74	252	27376	0.403	ng	100
37) Benzo(a)pyrene	23.25	252	24049	0.401	ng	99
38) Dibenzo(a,h)anthracene	25.51	278	22583	0.412	ng	99
39) Benzo(g,h,i)perylene	26.14	276	23427	0.424	ng	99

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

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