Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010314.D
Acq On : 20 Mar 2020 22:07
Operator : CG/JU
Sample : PB127714BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB127714BS

Manual Integrations APPROVED
mohammad
3/23/2020 9:43:04 AM

Quant Time: Mar 20 23:06:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4433	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	15191	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8521	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	19827	0.40	ng		0.00
27) Chrysene-d12	21.19	240	18826	0.40	ng		0.00
34) Perylene-d12	23.36	264	16761	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3119	0.36	ng		0.00
5) Phenol-d6	6.80	99	3763	0.34	ng		0.00
8) Nitrobenzene-d5	8.74	82	5237	0.54	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	6918m	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	931	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	19597	0.60	ng		0.00
25) Fluoranthene-d10	19.02	212	15567	0.26	ng		0.00
29) Terphenyl-d14	19.63	244	19921	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1194	0.287	ng	#	78
3) n-Nitrosodimethylamine	3.55	42	1471	0.418	ng	#	93
6) bis(2-Chloroethyl)ether	7.06	93	4272	0.407	ng		99
9) Naphthalene	10.43	128	15036	0.397	ng		99
10) Hexachlorobutadiene	10.73	225	3597	0.392	ng	#	99
12) 2-Methylnaphthalene	12.05	142	10137	0.386	ng		98
16) Acenaphthylene	13.96	152	12492	0.374	ng		100
17) Acenaphthene	14.30	154	9073	0.381	ng		98
18) Fluorene	15.29	166	11888	0.376	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	4317	0.359	ng		96
21) Hexachlorobenzene	16.31	284	4715	0.382	ng		100
22) Pentachlorophenol	16.65	266	3322	0.786	ng		97
23) Phenanthrene	17.03	178	20398	0.374	ng		100
24) Anthracene	17.11	178	16613	0.357	ng		100
26) Fluoranthene	19.05	202	23420	0.351	ng		99
28) Pyrene	19.42	202	23091	0.394	ng		100
30) Benzo(a)anthracene	21.16	228	21176	0.353	ng		97
31) Chrysene	21.22	228	24465	0.380	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	5578	0.276	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	25109	0.365	ng		99
35) Benzo(b)fluoranthene	22.71	252	22251	0.391	ng		99
36) Benzo(k)fluoranthene	22.76	252	22618	0.390	ng	#	98
37) Benzo(a)pyrene	23.27	252	18792	0.391	ng		99
38) Dibenzo(a,h)anthracene	25.52	278	21177	0.408	ng		97
39) Benzo(g,h,i)perylene	26.16	276	22133	0.423	ng		100

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

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