Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008899.D
Acq On : 10 Dec 2019 10:50
Operator : JU
Sample : PB124807BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB124807BS

Manual Integrations APPROVED
mohammad
12/11/2019 12:32:00 PM

Quant Time: Dec 10 15:14:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2618	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	11346	0.40	ng		0.00
13) Acenaphthene-d10	14.19	164	8044	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	19044	0.40	ng		0.00
27) Chrysene-d12	21.13	240	19581	0.40	ng		0.00
34) Perylene-d12	23.28	264	20905	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2704	0.41	ng		0.00
5) Phenol-d6	6.75	99	3758	0.41	ng		0.00
8) Nitrobenzene-d5	8.69	82	3727	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	8147	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	1499	0.39	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	12464	0.41	ng		0.00
25) Fluoranthene-d10	18.97	212	22847	0.40	ng		0.00
29) Terphenyl-d14	19.58	244	18310	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	1077	0.438	ng		99
3) n-Nitrosodimethylamine	3.52	42	1224	0.361	ng	#	99
6) bis(2-Chloroethyl)ether	7.00	93	3692	0.426	ng		99
9) Naphthalene	10.37	128	12978	0.419	ng		100
10) Hexachlorobutadiene	10.67	225	2486	0.420	ng	#	99
12) 2-Methylnaphthalene	11.98	142	9788	0.424	ng		99
16) Acenaphthylene	13.90	152	15477	0.421	ng		100
17) Acenaphthene	14.24	154	10358	0.424	ng		98
18) Fluorene	15.23	166	13989	0.426	ng		100
20) 4-Bromophenyl-phenylether	16.13	248	4587	0.403	ng	#	89
21) Hexachlorobenzene	16.25	284	5253	0.405	ng		100
22) Pentachlorophenol	16.60	266	1756	0.375	ng		97
23) Phenanthrene	16.97	178	24519	0.409	ng		100
24) Anthracene	17.07	178	21032	0.398	ng		100
26) Fluoranthene	19.00	202	29021	0.407	ng		100
28) Pyrene	19.36	202	29353	0.428	ng		100
30) Benzo(a)anthracene	21.11	228	29614	0.427	ng		97
31) Chrysene	21.17	228	31074	0.432	ng		97
32) Bis(2-ethylhexyl)phthalate	21.08	149	11939	0.367	ng		100
33) Indeno(1,2,3-cd)pyrene	25.40	276	33846	0.444	ng		99
35) Benzo(b)fluoranthene	22.65	252	31604	0.422	ng		99
36) Benzo(k)fluoranthene	22.69	252	32375m	0.430	ng		
37) Benzo(a)pyrene	23.19	252	28079	0.418	ng		99
38) Dibenzo(a,h)anthracene	25.41	278	27363	0.434	ng		99
39) Benzo(g,h,i)perylene	26.03	276	26993	0.434	ng		99

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

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