Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
Data File : BN010145.D
Acq On : 09 Mar 2020 14:15
Operator : CG/JU
Sample : PB127320BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB127320BSD

Manual Integrations APPROVED
mohammad
3/10/2020 2:45:26 PM

Quant Time: Mar 09 17:11:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	667	0.40	ng		-0.04
7) Naphthalene-d8	10.14	136	2408	0.40	ng		-0.04
13) Acenaphthene-d10	14.01	164	1646	0.40	ng		-0.05
19) Phenanthrene-d10	16.78	188	3583	0.40	ng		-0.04
27) Chrysene-d12	21.00	240	3199	0.40	ng		-0.04
34) Perylene-d12	23.10	264	3431	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	566	0.38	ng		-0.03
5) Phenol-d6	6.64	99	634	0.35	ng		0.00
8) Nitrobenzene-d5	8.59	82	639	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.75	152	1867	0.40	ng		-0.04
14) 2,4,6-Tribromophenol	15.56	330	227	0.36	ng		-0.03
15) 2-Fluorobiphenyl	12.65	172	2237	0.36	ng		-0.04
25) Fluoranthene-d10	18.83	212	4443	0.36	ng		-0.03
29) Terphenyl-d14	19.44	244	2800	0.37	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	320m	0.468	ng		
3) n-Nitrosodimethylamine	3.43	42	354	0.316	ng	#	97
6) bis(2-Chloroethyl)ether	6.86	93	663m	0.378	ng		
9) Naphthalene	10.19	128	2547	0.388	ng		95
10) Hexachlorobutadiene	10.43	225	612	0.424	ng	#	98
12) 2-Methylnaphthalene	11.83	142	1750	0.389	ng		96
16) Acenaphthylene	13.73	152	2587	0.369	ng		98
17) Acenaphthene	14.08	154	1865	0.378	ng		99
18) Fluorene	15.09	166	2389	0.367	ng		100
20) 4-Bromophenyl-phenylether	16.01	248	588m	0.180	ng		
21) Hexachlorobenzene	16.09	284	901	0.404	ng		98
22) Pentachlorophenol	16.48	266	193	0.437	ng		98
23) Phenanthrene	16.82	178	3802	0.357	ng		99
24) Anthracene	16.93	178	3148	0.349	ng		99
26) Fluoranthene	18.86	202	4484	0.351	ng		98
28) Pyrene	19.22	202	4602	0.379	ng		99
30) Benzo(a)anthracene	20.99	228	3668	0.346	ng		98
31) Chrysene	21.04	228	4526	0.369	ng		99
32) Bis(2-ethylhexyl)phthalate	20.92	149	1854	0.358	ng		100
33) Indeno(1,2,3-cd)pyrene	25.14	276	5182	0.405	ng		97
35) Benzo(b)fluoranthene	22.49	252	4415	0.352	ng		99
36) Benzo(k)fluoranthene	22.52	252	5335m	0.391	ng		
37) Benzo(a)pyrene	23.01	252	4296	0.375	ng	#	94
38) Dibenzo(a,h)anthracene	25.14	278	4105	0.364	ng		99
39) Benzo(g,h,i)perylene	25.76	276	4591	0.382	ng		98

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

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