Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092519\
Data File : BN007862.D
Acq On : 25 Sep 2019 20:04
Operator : JU
Sample : K4994-07MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-B231-091919-1MSD

Manual Integrations APPROVED
mohammad
9/27/2019 8:27:59 AM

Quant Time: Sep 26 07:34:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	10391	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	37690	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	19905	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	35416	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	34451	0.40	ng		-0.02
34) Perylene-d12	23.47	264	44107	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	10873	0.30	ng		0.00
5) Phenol-d6	6.86	99	14113	0.32	ng		0.00
8) Nitrobenzene-d5	8.83	82	12212	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	22986m	0.36	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2539	0.23	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	29000	0.35	ng		-0.01
25) Fluoranthene-d10	19.09	212	34730m	0.29	ng		-0.01
29) Terphenyl-d14	19.70	244	28628	0.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	3169	0.274	ng	#	74
3) n-Nitrosodimethylamine	3.01	42	94107	17.740	ng	#	69
6) bis(2-Chloroethyl)ether	7.13	93	10551	0.359	ng		94
9) Naphthalene	10.51	128	50333	0.476	ng		100
10) Hexachlorobutadiene	10.81	225	7234	0.325	ng	#	100
12) 2-Methylnaphthalene	12.13	142	35829	0.501	ng		99
16) Acenaphthylene	14.02	152	104862	0.993	ng		99
17) Acenaphthene	14.37	154	34686	0.510	ng		96
18) Fluorene	15.36	166	52033	0.597	ng	#	92
20) 4-Bromophenyl-phenylether	16.25	248	7764	0.361	ng	#	74
21) Hexachlorobenzene	16.38	284	7679	0.327	ng		97
22) Pentachlorophenol	16.71	266	4720	0.545	ng		96
23) Phenanthrene	17.10	178	832550	7.546	ng		100
24) Anthracene	17.19	178	127236	1.277	ng		99
26) Fluoranthene	19.12	202	892180	6.503	ng		99
28) Pyrene	19.49	202	1442593	12.278	ng		96
30) Benzo(a)anthracene	21.24	228	642794	5.067	ng		95
31) Chrysene	21.29	228	750795	6.072	ng		98
32) Bis(2-ethylhexyl)phthalate	21.19	149	54747	0.839	ng		97
33) Indeno(1,2,3-cd)pyrene	25.68	276	411116	2.656	ng		98
35) Benzo(b)fluoranthene	22.81	252	681793	4.453	ng		99
36) Benzo(k)fluoranthene	22.85	252	272896m	1.802	ng		
37) Benzo(a)pyrene	23.37	252	602541	4.187	ng		98
38) Dibenzo(a,h)anthracene	25.69	278	156386	1.062	ng		96
39) Benzo(g,h,i)perylene	26.35	276	491254	3.372	ng		99

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

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