Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\
Data File : BE092511.D
Acq On : 8 Nov 2016 16:31
Operator : UM/SJ
Sample : PB94535BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB94535BS

Manual Integrations APPROVED
umangi
11/9/2016 10:58:54 AM

Quant Time: Nov 09 00:50:21 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 16:27:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9769	5.00	ng		-0.02
7) Naphthalene-d8	10.93	136	44325	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	27793	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	53566	5.00	ng		0.00
24) Chrysene-d12	21.72	240	72350	5.00	ng		0.00
31) Perylene-d12	24.08	264	59341	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	19925	9.25	ng		0.00
5) Phenol-d6	7.31	99	27923	9.72	ng		-0.02
8) Nitrobenzene-d5	9.32	82	13050	4.49	ng		-0.02
13) 2,4,6-Tribromophenol	16.28	330	6871	6.95	ng		-0.02
14) 2-Fluorobiphenyl	13.42	172	29306	4.26	ng		-0.01
26) Terphenyl-d14	20.16	244	37079	4.22	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	3943	3.38	ng	#	52
3) n-Nitrosodimethylamine	3.73	42	6375	3.69	ng	#	99
6) bis(2-Chloroethyl)ether	7.57	93	11675	3.71	ng		88
9) Naphthalene	10.97	128	34138	3.56	ng	#	96
10) Hexachlorobutadiene	11.26	225	5292	3.64	ng		99
11) 2-Methylnaphthalene	12.60	142	23078	3.70	ng		98
15) Acenaphthylene	14.51	152	151182	3.79	ng		99
16) Acenaphthene	14.87	154	23054	3.58	ng		94
17) Fluorene	15.84	166	30240	3.74	ng		99
19) Hexachlorobenzene	16.87	284	8709	4.31	ng	#	68
20) Pentachlorophenol	17.21	266	7111	12.16	ng	#	86
21) Phenanthrene	17.58	178	49348	4.26	ng	#	94
22) Anthracene	17.67	178	47945	4.27	ng		99
23) Fluoranthene	19.59	202	218115	3.75	ng		99
25) Pyrene	19.95	202	229493	3.87	ng		99
27) Benzo(a)anthracene	21.70	228	256168m	3.49	ng		
28) Chrysene	21.75	228	226717m	3.85	ng		
29) Bis(2-ethylhexyl)phthalate	21.61	149	21915	3.42	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.55	276	283802	3.55	ng		98
32) Benzo(b)fluoranthene	23.35	252	61277	4.00	ng		95
33) Benzo(k)fluoranthene	23.39	252	64186	3.97	ng		93
34) Benzo(a)pyrene	23.97	252	56779	3.70	ng	#	95
35) Dibenzo(a,h)anthracene	26.58	278	59205	4.10	ng	#	94
36) Benzo(g,h,i)perylene	27.31	276	245405	4.13	ng		98

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

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