Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091626.D
Acq On : 11 Apr 2016 13:46
Operator : UM/SJ
Sample : PB89606BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB89606BS

Manual Integrations APPROVED
Sohil
4/12/2016 5:31:00 PM

Quant Time: Apr 12 02:02:06 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	42545	5.00	ng		-0.02
7) Naphthalene-d8	10.59	136	211354	5.00	ng		0.00
13) Acenaphthene-d10	14.42	164	128091	5.00	ng		0.00
19) Phenanthrene-d10	17.16	188	306347	5.00	ng		0.00
26) Chrysene-d12	21.31	240	408357	5.00	ng		0.00
35) Perylene-d12	23.76	264	333452	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	60603	5.97	ng		0.00
5) Phenol-d6	6.97	99	89345	6.60	ng		0.00
8) Nitrobenzene-d5	8.96	82	39238	3.20	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	33531	7.18	ng		-0.01
15) 2-Fluorobiphenyl	13.05	172	125087	3.51	ng		0.00
29) Terphenyl-d14	19.76	244	196691	3.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	15423	3.28	ng	#	95
3) n-Nitrosodimethylamine	3.64	42	22624	3.47	ng	#	90
6) bis(2-Chloroethyl)ether	7.23	93	40968	3.49	ng	#	76
9) Nitrobenzene	8.99	77	43390	2.89	ng		94
10) Naphthalene	10.63	128	145543	3.34	ng		98
11) Hexachlorobutadiene	10.92	225	22851	3.57	ng		98
12) 2-Methylnaphthalene	12.24	142	105174	3.78	ng		96
16) Acenaphthylene	14.14	152	182426	3.67	ng	#	88
17) Acenaphthene	14.47	154	115352	3.67	ng		94
18) Fluorene	15.46	166	146701	3.73	ng		98
20) 4-Bromophenyl-phenylether	16.34	248	41656	3.86	ng		94
21) Hexachlorobenzene	16.46	284	43058m	3.84	ng		
22) Pentachlorophenol	16.79	266	42169	7.23	ng	#	87
23) Phenanthrene	17.19	178	266299	3.81	ng		99
24) Anthracene	17.29	178	250784	4.05	ng		98
25) Fluoranthene	19.20	202	293302	3.96	ng		97
27) Benzidine	19.38	184	100280	2.67	ng	#	75
28) Pyrene	19.57	202	313678	3.84	ng		99
30) Benzo(a)anthracene	21.29	228	370899m	4.06	ng		
31) 3,3'-Dichlorobenzidine	21.24	252	56828	0.99	ng	#	72
32) Chrysene	21.33	228	288866m	3.48	ng		
33) Bis(2-ethylhexyl)phthalate	21.22	149	109219	1.84	ng	#	80
34) Indeno(1,2,3-cd)pyrene	26.32	276	338828	3.66	ng		96
36) Benzo(b)fluoranthene	23.00	252	299598	3.87	ng		97
37) Benzo(k)fluoranthene	23.06	252	326682m	4.28	ng		
38) Benzo(a)pyrene	23.65	252	289398	4.02	ng	#	97
39) Dibenzo(a,h)anthracene	26.34	278	287132	4.05	ng	#	95
40) Benzo(g,h,i)perylene	27.10	276	287456	3.94	ng		96

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

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