Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042916\
Data File : BE091735.D
Acq On : 29 Apr 2016 16:02
Operator : UM/SJ
Sample : PB90187BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB90187BSD

Manual Integrations APPROVED
sohil
4/30/2016 11:26:40 AM

Quant Time: Apr 29 23:37:13 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	34162	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	160284	5.00	ng		0.00
13) Acenaphthene-d10	14.41	164	94968	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	224235	5.00	ng		0.00
26) Chrysene-d12	21.31	240	248164	5.00	ng		0.00
35) Perylene-d12	23.75	264	249329	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	47092	5.61	ng		0.00
5) Phenol-d6	6.95	99	68442	6.15	ng		0.00
8) Nitrobenzene-d5	8.95	82	31943	3.09	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	22074	6.28	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	93575	3.48	ng		0.00
29) Terphenyl-d14	19.76	244	144968	3.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	12594	3.13	ng		94
3) n-Nitrosodimethylamine	3.63	42	20356	3.28	ng	#	85
6) bis(2-Chloroethyl)ether	7.21	93	32073	3.28	ng	#	75
9) Nitrobenzene	8.99	77	35490	3.28	ng		94
10) Naphthalene	10.61	128	108779	3.36	ng		97
11) Hexachlorobutadiene	10.90	225	16892	3.53	ng		97
12) 2-Methylnaphthalene	12.23	142	77983	3.75	ng		98
16) Acenaphthylene	14.12	152	138638	3.80	ng	#	86
17) Acenaphthene	14.47	154	91096	3.85	ng		98
18) Fluorene	15.44	166	110551	3.75	ng		99
20) 4-Bromophenyl-phenylether	16.33	248	31745	3.94	ng		95
21) Hexachlorobenzene	16.45	284	32348m	4.01	ng		
22) Pentachlorophenol	16.79	266	34214	7.85	ng		89
23) Phenanthrene	17.18	178	203835	4.00	ng		99
24) Anthracene	17.27	178	190653	4.15	ng		98
25) Fluoranthene	19.19	202	232544	4.37	ng	#	96
27) Benzidine	19.38	184	29846	1.63	ng	#	76
28) Pyrene	19.55	202	259011	4.62	ng		99
30) Benzo(a)anthracene	21.29	228	245917	4.06	ng	#	91
31) 3,3'-Dichlorobenzidine	21.22	252	28746	0.93	ng	#	83
32) Chrysene	21.34	228	267877m	4.25	ng		
33) Bis(2-ethylhexyl)phthalate	21.20	149	99477	5.42	ng	#	85
34) Indeno(1,2,3-cd)pyrene	26.29	276	253966	4.53	ng		97
36) Benzo(b)fluoranthene	22.99	252	234733	4.02	ng		97
37) Benzo(k)fluoranthene	23.04	252	259485m	4.37	ng		
38) Benzo(a)pyrene	23.63	252	223601	4.06	ng	#	97
39) Dibenzo(a,h)anthracene	26.32	278	214177	4.11	ng		96
40) Benzo(g,h,i)perylene	27.09	276	214797	4.05	ng		94

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

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