Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081916\
Data File : BE092271.D
Acq On : 19 Aug 2016 15:47
Operator : UM/SJ
Sample : PB92976BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB92976BS

Manual Integrations APPROVED
sohil
8/22/2016 3:49:58 PM

Quant Time: Aug 22 00:59:08 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	15079	5.00	ng		0.02
7) Naphthalene-d8	10.97	136	62648	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	30788	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	66977	5.00	ng		0.02
24) Chrysene-d12	21.75	240	61843	5.00	ng		0.00
31) Perylene-d12	24.13	264	72281	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.70	112	28049	8.50	ng		0.00
5) Phenol-d6	7.36	99	34853	7.35	ng		0.00
8) Nitrobenzene-d5	9.34	82	16715	3.78	ng		-0.02
13) 2,4,6-Tribromophenol	16.32	330	7122	5.99	ng		0.00
14) 2-Fluorobiphenyl	13.46	172	35244	3.70	ng		-0.01
26) Terphenyl-d14	20.19	244	37437	3.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	5394	3.15	ng	#	88
3) n-Nitrosodimethylamine	3.79	42	9543	3.47	ng	#	98
6) bis(2-Chloroethyl)ether	7.61	93	13879	3.61	ng	#	33
9) Naphthalene	11.01	128	46577	3.32	ng	#	95
10) Hexachlorobutadiene	11.30	225	7004	3.45	ng		98
11) 2-Methylnaphthalene	12.64	142	31418	3.58	ng		93
15) Acenaphthylene	14.54	152	186642	3.51	ng		99
16) Acenaphthene	14.88	154	27611	3.23	ng		95
17) Fluorene	15.88	166	34690	3.36	ng		99
19) Hexachlorobenzene	16.91	284	8561	3.22	ng	#	100
20) Pentachlorophenol	17.26	266	6325	7.65	ng	#	81
21) Phenanthrene	17.63	178	56538	3.26	ng		100
22) Anthracene	17.72	178	52748	3.37	ng		98
23) Fluoranthene	19.61	202	233472	3.39	ng		100
25) Pyrene	19.99	202	241590	3.30	ng		99
27) Benzo(a)anthracene	21.72	228	253313	3.41	ng	#	61
28) Chrysene	21.79	228	215550m	3.14	ng		
29) Bis(2-ethylhexyl)phthalate	21.66	149	29691	2.53	ng	#	95
30) Indeno(1,2,3-cd)pyrene	26.63	276	304543	4.12	ng		100
32) Benzo(b)fluoranthene	23.39	252	66130	3.48	ng	#	95
33) Benzo(k)fluoranthene	23.44	252	64874	3.39	ng	#	95
34) Benzo(a)pyrene	24.02	252	63647	3.56	ng	#	93
35) Dibenzo(a,h)anthracene	26.65	278	62298	3.74	ng		94
36) Benzo(g,h,i)perylene	27.40	276	266466	3.72	ng		95

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

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