Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092316\
Data File : BE092416.D
Acq On : 23 Sep 2016 15:30
Operator : UM/SJ
Sample : PB93552BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB93552BSD

Manual Integrations APPROVED
sohil
9/26/2016 5:55:52 PM

Quant Time: Sep 23 18:23:32 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9065	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	38597	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	24741	5.00	ng		0.00
18) Phenanthrene-d10	17.58	188	46711	5.00	ng		0.02
24) Chrysene-d12	21.75	240	77477	5.00	ng		0.00
31) Perylene-d12	24.12	264	67807	5.00	ng		0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.67	112	17089	7.99	ng		-0.02
5) Phenol-d6	7.34	99	22575	7.40	ng		-0.02
8) Nitrobenzene-d5	9.34	82	10468	3.81	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	6114	6.99	ng		-0.01
14) 2-Fluorobiphenyl	13.43	172	24592	4.20	ng		-0.01
26) Terphenyl-d14	20.17	244	33404	3.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	3670	3.76	ng	#	82
3) n-Nitrosodimethylamine	3.76	42	5674	3.98	ng	#	98
6) bis(2-Chloroethyl)ether	7.59	93	9136	3.83	ng	#	26
9) Naphthalene	10.99	128	32944	3.94	ng	#	95
10) Hexachlorobutadiene	11.28	225	4943	3.76	ng		99
11) 2-Methylnaphthalene	12.62	142	21689	3.92	ng		93
15) Acenaphthylene	14.53	152	142667	3.98	ng		100
16) Acenaphthene	14.88	154	21635	3.86	ng		92
17) Fluorene	15.87	166	28685	4.03	ng		100
19) Hexachlorobenzene	16.89	284	8836	4.42	ng	#	63
20) Pentachlorophenol	17.23	266	7283	9.91	ng	#	85
21) Phenanthrene	17.60	178	48237	4.49	ng	#	94
22) Anthracene	17.70	178	46486	4.50	ng		98
23) Fluoranthene	19.61	202	227849	4.47	ng		99
25) Pyrene	19.97	202	244473	3.64	ng		99
27) Benzo(a)anthracene	21.72	228	302494m	4.01	ng		
28) Chrysene	21.77	228	256375m	3.71	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	22253	3.42	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.62	276	318892	4.35	ng		98
32) Benzo(b)fluoranthene	23.38	252	69766	4.25	ng		95
33) Benzo(k)fluoranthene	23.43	252	72450	4.22	ng		93
34) Benzo(a)pyrene	24.01	252	69828	4.34	ng	#	94
35) Dibenzo(a,h)anthracene	26.63	278	66488	4.51	ng		94
36) Benzo(g,h,i)perylene	27.38	276	276995	4.37	ng		97

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

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