Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE040116\
Data File : BE091586.D
Acq On : 31 Mar 2016 17:24
Operator : UM/SJ
Sample : PB89151BSD
Misc : LOQ WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB89151BSD

Manual Integrations APPROVED
Sohil
4/1/2016 9:41:42 PM

Quant Time: Apr 01 01:05:48 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE033016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 18:45:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36298	5.00	ng	-0.02
6) Naphthalene-d8	10.57	136	169283	5.00	ng	-0.02
10) Acenaphthene-d10	14.42	164	103431	5.00	ng	-0.03
16) Phenanthrene-d10	17.16	188	255385	5.00	ng	-0.01
22) Chrysene-d12	21.31	240	342071	5.00	ng	-0.02
28) Perylene-d12	23.76	264	295322	5.00	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	51330	5.40	ng	-0.03
5) Phenol-d6	6.95	99	74362	5.79	ng	-0.03
7) Nitrobenzene-d5	8.96	82	33245	2.93	ng	-0.02
11) 2,4,6-Tribromophenol	15.90	330	23651	5.16	ng	-0.02
12) 2-Fluorobiphenyl	13.05	172	94980	3.23	ng	-0.02
24) Terphenyl-d14	19.76	244	142078	3.27	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	11494	2.66	ng	# 84
3) n-Nitrosodimethylamine	3.64	42	18043	2.74	ng	# 98
8) Naphthalene	10.63	128	100124	2.86	ng	95
9) 2-Methylnaphthalene	12.24	142	71674	3.14	ng	# 90
13) Acenaphthylene	14.14	152	124669	2.99	ng	100
14) Acenaphthene	14.49	154	79467	3.11	ng	96
15) Fluorene	15.46	166	98385	2.99	ng	100
17) Hexachlorobenzene	16.47	284	28356	3.02	ng	98
18) Pentachlorophenol	16.79	266	33174	6.29	ng	86
19) Phenanthrene	17.20	178	179521	3.00	ng	99
20) Anthracene	17.29	178	168089	3.05	ng	100
21) Fluoranthene	19.20	202	214063	3.04	ng	99
23) Pyrene	19.57	202	224505	3.22	ng	99
25) Benzo(a)anthracene	21.29	228	246293m	3.07	ng	
26) Chrysene	21.36	228	199444m	2.90	ng	
27) Indeno(1,2,3-cd)pyrene	26.33	276	242031	3.06	ng	99
29) Benzo(b)fluoranthene	23.01	252	225705	3.15	ng	96
30) Benzo(k)fluoranthene	23.06	252	220512	3.18	ng	93
31) Benzo(a)pyrene	23.65	252	209030	3.19	ng	93
32) Dibenzo(a,h)anthracene	26.35	278	204871	3.19	ng	98
33) Benzo(g,h,i)perylene	27.12	276	205949	3.14	ng	98

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

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