Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
Data File : BF090914.D
Acq On : 28 Oct 2016 18:01
Operator : UM/SJ
Sample : H5422-05RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-2-COMPRE

Manual Integrations APPROVED
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11/1/2016 7:14:13 PM

Quant Time: Oct 28 19:00:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 15:18:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149832	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	600138	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	287626	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	373314	20.00	ng		0.01
75) Chrysene-d12	13.95	240	340855	20.00	ng		0.02
86) Perylene-d12	15.37	264	473117	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1099606	128.31	ng		0.00
7) Phenol-d6	6.41	99	1528918	132.24	ng		-0.01
23) Nitrobenzene-d5	7.33	82	981577	107.07	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	297569	100.67	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1293150	78.95	ng		-0.01
78) Terphenyl-d14	12.89	244	1037715	76.70	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.42	94	51432	4.04	ng		76
20) 3+4-Methylphenols	7.18	107	22076	2.37	ng	#	83
31) Naphthalene	8.08	128	2217802	79.05	ng		96
37) 2-Methylnaphthalene	8.76	142	655167	36.16	ng	#	89
45) 1,1'-Biphenyl	9.23	154	243919	11.77	ng		97
49) Dimethylphthalate	9.53	163	321955	16.75	ng	#	98
51) Acenaphthene	9.84	154	1229011	74.78	ng		89
54) Dibenzofuran	10.01	168	1558875	73.50	ng	#	82
57) Fluorene	10.35	166	1308337	75.31	ng	#	91
70) Phenanthrene	11.33	178	6824573	358.98	ng	#	91
71) Anthracene	11.38	178	1929417	96.38	ng	#	93
72) Carbazole	11.53	167	1241869	70.25	ng		93
74) Fluoranthene	12.52	202	6064135	291.28	ng		91
77) Pyrene	12.75	202	5017066	232.59	ng	#	88
80) Benzo(a)anthracene	13.94	228	3136226	173.37	ng	#	90
82) Chrysene	13.97	228	2785630m	152.24	ng		
83) Bis(2-ethylhexyl)phthalate	13.93	149	53476	4.20	ng		94
85) Indeno(1,2,3-cd)pyrene	16.75	276	1903970	117.42	ng	#	89
87) Benzo(b)fluoranthene	14.98	252	3083225m	96.92	ng		
88) Benzo(k)fluoranthene	14.98	252	1961651m	78.03	ng		
89) Benzo(a)pyrene	15.32	252	2777523	101.61	ng	#	84
90) Dibenzo(a,h)anthracene	16.75	278	622560	26.90	ng	#	80
91) Benzo(g,h,i)perylene	17.16	276	1601475	73.48	ng	#	77

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

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