Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
Data File : BF083576.D
Acq On : 8 Dec 2015 00:57
Operator : UM/IZ
Sample : G4579-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHED-SOUTH-WALL

Manual Integrations APPROVED
Mmdadoda
12/8/2015 6:15:43 PM

Quant Time: Dec 08 10:12:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	128487	20.00	ng		-0.05
21) Naphthalene-d8	7.63	136	450904	20.00	ng		-0.05
38) Acenaphthene-d10	10.44	164	196304	20.00	ng		-0.02
63) Phenanthrene-d10	13.05	188	149020m	20.00	ng		0.19
75) Chrysene-d12	17.20	240	174402	20.00	ng		0.15
86) Perylene-d12	18.73	264	262098m	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	4.00	112	265849	31.39	ng		-0.03
7) Phenol-d6	5.29	99	402170	34.47	ng		-0.03
23) Nitrobenzene-d5	6.54	82	223332	23.15	ng		-0.06
41) 2,4,6-Tribromophenol	11.79	330	40289	22.25	ng		0.03
44) 2-Fluorobiphenyl	9.37	172	342959	23.70	ng		-0.06
78) Terphenyl-d14	15.60	244	301655	38.49	ng		0.11
Target Compounds							Qvalue
9) Benzaldehyde	5.13	77	32808	4.90	ng		98
10) Phenol	5.31	94	255745	18.74	ng	#	75
17) 2-Methylphenol	6.17	107	175871	22.62	ng	#	86
20) 3+4-Methylphenols	6.41	107	517343	51.23	ng		91
22) Acetophenone	6.34	105	33759	2.60	ng	#	95
27) 2,4-Dimethylphenol	7.20	122	433343	58.50	ng		96
31) Naphthalene	7.68	128	6058061	252.41	ng	#	94
37) 2-Methylnaphthalene	8.78	142	3426428	230.87	ng		97
45) 1,1'-Biphenyl	9.53	154	2437689	139.74	ng		98
48) Acenaphthylene	10.20	152	1917322	89.08	ng		97
51) Acenaphthene	10.56	154	13222795	1067.56	ng		96
54) Dibenzofuran	10.83	168	13634847	794.57	ng	#	86
57) Fluorene	11.43	166	16592836	1111.45	ng	#	96
70) Phenanthrene	13.19	178	80862702	9322.42	ng	#	77
71) Anthracene	13.22	178	6631066m	749.59	ng		
72) Carbazole	13.44	167	12527189	1649.11	ng	#	90
74) Fluoranthene	15.12	202	64315747m	7481.44	ng		
77) Pyrene	15.49	202	43841422	3360.43	ng	#	73
80) Benzo(a)anthracene	17.13	228	5865142m	574.79	ng		
82) Chrysene	17.21	228	16082044m	1582.04	ng		
85) Indeno(1,2,3-cd)pyrene	19.96	276	1442114m	165.50	ng		
87) Benzo(b)fluoranthene	18.37	252	6235102m	423.60	ng		
88) Benzo(k)fluoranthene	18.37	252	3250895m	215.60	ng		
89) Benzo(a)pyrene	18.68	252	3347662m	233.82	ng		
90) Dibenzo(a,h)anthracene	19.96	278	377659m	27.42	ng		
91) Benzo(g,h,i)perylene	20.33	276	1089082	78.46	ng		95

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

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