Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083545.D
Acq On : 7 Dec 2015 6:18
Operator : UM/IZ
Sample : G4594-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K204-0-2MS

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:33:35 PM

Quant Time: Dec 07 11:57:42 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	5.73	152	161363	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	592854	20.00	ng		-0.03
38) Acenaphthene-d10	10.43	164	271215	20.00	ng		-0.03
63) Phenanthrene-d10	12.82	188	420121	20.00	ng		-0.03
75) Chrysene-d12	17.04	240	298937	20.00	ng		-0.01
86) Perylene-d12	18.67	264	273483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	1171594	110.15	ng		0.00
7) Phenol-d6	5.31	99	1521169	103.80	ng		-0.01
23) Nitrobenzene-d5	6.57	82	974862	76.86	ng		-0.03
41) 2,4,6-Tribromophenol	11.72	330	239474	95.72	ng		-0.03
44) 2-Fluorobiphenyl	9.39	172	1375992	68.81	ng		-0.03
78) Terphenyl-d14	15.46	244	869833	64.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.89	88	159400	28.57	ng		92
3) Pyridine	2.30	79	130073m	9.77	ng		
4) n-Nitrosodimethylamine	2.29	42	239971	35.78	ng		95
6) Aniline	5.37	93	55277m	2.90	ng		
8) 2-Chlorophenol	5.46	128	419641	35.48	ng		97
9) Benzaldehyde	5.13	77	242663	28.88	ng	#	83
10) Phenol	5.33	94	620412	36.20	ng	#	72
11) bis(2-Chloroethyl)ether	5.40	93	477136m	37.57	ng		
12) 1,3-Dichlorobenzene	5.65	146	445262	33.94	ng		99
13) 1,4-Dichlorobenzene	5.76	146	448527	33.48	ng		99
14) 1,2-Dichlorobenzene	5.97	146	427666	34.72	ng		99
15) Benzyl Alcohol	5.98	79	409928	40.32	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	813149	34.53	ng		87
17) 2-Methylphenol	6.18	107	338952	34.72	ng		95
18) Hexachloroethane	6.45	117	177713	38.01	ng	#	86
19) n-Nitroso-di-n-propylamine	6.37	70	357047	36.52	ng		93
20) 3+4-Methylphenols	6.42	107	462385	36.46	ng		90
22) Acetophenone	6.35	105	685500	40.14	ng		98
24) Nitrobenzene	6.59	77	505490	36.19	ng		99
25) Isophorone	6.97	82	883629	36.28	ng		97
26) 2-Nitrophenol	7.07	139	210460	38.18	ng		94
27) 2,4-Dimethylphenol	7.20	122	331807	34.07	ng		96
28) bis(2-Chloroethoxy)methane	7.32	93	555674	40.94	ng		99
29) 2,4-Dichlorophenol	7.47	162	335170	38.11	ng		95
30) 1,2,4-Trichlorobenzene	7.56	180	351486	36.15	ng		98
31) Naphthalene	7.68	128	1480402	46.91	ng		98
32) Benzoic acid	7.45	122	110383	22.10	ng		95
33) 4-Chloroaniline	7.82	127	38819	3.14	ng	#	84
34) Hexachlorobutadiene	7.88	225	203124	35.35	ng		100
35) Caprolactam	8.40	113	105058	37.56	ng		89
36) 4-Chloro-3-methylphenol	8.65	107	344609	34.82	ng	#	84
37) 2-Methylnaphthalene	8.77	142	810125	41.52	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	321554	36.06	ng	#	100
42) 2,4,6-Trichlorophenol	9.26	196	216012	38.58	ng		99

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Quant Time: Dec 07 11:57:42 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.34	196	225271	39.06	ng		98
45) 1,1'-Biphenyl	9.54	154	848081	35.19	ng		99
46) 2-Chloronaphthalene	9.55	162	634715	34.95	ng		99
47) 2-Nitroaniline	9.76	65	249753	38.60	ng		90
48) Acenaphthylene	10.20	152	1769405	59.50	ng		99
49) Dimethylphthalate	10.09	163	1240095	58.09	ng		100
50) 2,6-Dinitrotoluene	10.17	165	153420	34.13	ng		93
51) Acenaphthene	10.49	154	633913	37.04	ng		99
52) 3-Nitroaniline	10.43	138	64390	13.29	ng	#	91
53) 2,4-Dinitrophenol	10.62	184	58660	30.52	ng		97
54) Dibenzofuran	10.77	168	972398	41.01	ng		99
55) 4-Nitrophenol	10.81	139	209644m	76.81	ng		
56) 2,4-Dinitrotoluene	10.82	165	186794	31.82	ng	#	92
57) Fluorene	11.32	166	774935m	37.57	ng		
58) 2,3,4,6-Tetrachlorophenol	11.00	232	165981	38.48	ng	#	100
59) Diethylphthalate	11.23	149	741679	36.11	ng		98
60) 4-Chlorophenyl-phenylether	11.34	204	329740	33.36	ng		98
61) 4-Nitroaniline	11.41	138	92854	21.15	ng		81
62) Azobenzene	11.60	77	295821	13.50	ng		95
64) 4,6-Dinitro-2-methylphenol	11.48	198	46674	18.75	ng	#	78
65) n-Nitrosodiphenylamine	11.55	169	579393	41.66	ng		100
66) 4-Bromophenyl-phenylether	12.13	248	178908	38.97	ng		98
67) Hexachlorobenzene	12.21	284	183761	37.45	ng	#	85
68) Atrazine	12.48	200	57567	13.69	ng		95
69) Pentachlorophenol	12.57	266	186623	83.46	ng		98
70) Phenanthrene	12.86	178	1941631	79.40	ng		99
71) Anthracene	12.94	178	1411618	56.60	ng		99
72) Carbazole	13.24	167	807532	37.71	ng		97
73) Di-n-butylphthalate	13.88	149	1019604	39.53	ng		99
74) Fluoranthene	14.81	202	3047035	125.72	ng		96
77) Pyrene	15.17	202	3727721	166.70	ng		97
79) Butylbenzylphthalate	16.29	149	363329	41.32	ng		89
80) Benzo(a)anthracene	17.03	228	2444616	139.77	ng		93
81) 3,3'-Dichlorobenzidine	17.03	252	14556	2.60	ng	#	62
82) Chrysene	17.08	228	2164536	124.23	ng		97
83) Bis(2-ethylhexyl)phthalate	17.14	149	510709	44.26	ng	#	97
84) Di-n-octyl phthalate	17.91	149	829372	50.40	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.93	276	1397427	93.56	ng	#	100
87) Benzo(b)fluoranthene	18.31	252	2748720m	178.97	ng		
88) Benzo(k)fluoranthene	18.33	252	671437m	42.68	ng		
89) Benzo(a)pyrene	18.63	252	1788526	119.72	ng		95
90) Dibenzo(a,h)anthracene	19.93	278	599955	41.74	ng		95
91) Benzo(g,h,i)perylene	20.28	276	1332729	92.01	ng		99

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

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