Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083017.D
Acq On : 18 Nov 2015 18:31
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:40 PM

Quant Time: Nov 19 02:49:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	223902	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	856642	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	460174	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	878427	20.00	ng		0.00
75) Chrysene-d12	13.88	240	845073	20.00	ng		-0.01
86) Perylene-d12	15.27	264	780907	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1126217	78.26	ng		0.00
7) Phenol-d6	6.40	99	1493755	78.08	ng		0.00
23) Nitrobenzene-d5	7.31	82	1481360	75.24	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	402083	76.20	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2155447	67.13	ng		0.00
78) Terphenyl-d14	12.84	244	2340397	65.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	419342	67.54	ng		96
3) Pyridine	2.90	79	816437	45.31	ng		96
4) n-Nitrosodimethylamine	2.86	42	358305	40.10	ng	#	77
6) Aniline	6.40	93	981718	36.55	ng	#	69
8) 2-Chlorophenol	6.52	128	591403	37.07	ng		85
9) Benzaldehyde	6.27	77	368086	34.83	ng		91
10) Phenol	6.41	94	947744	43.66	ng		96
11) bis(2-Chloroethyl)ether	6.48	93	603926	37.20	ng		92
12) 1,3-Dichlorobenzene	6.67	146	651554	36.21	ng		94
13) 1,4-Dichlorobenzene	6.75	146	682697	36.47	ng		96
14) 1,2-Dichlorobenzene	6.91	146	693971	40.77	ng		98
15) Benzyl Alcohol	6.89	79	561244	33.41	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	932152	39.15	ng		93
17) 2-Methylphenol	7.01	107	542822	40.17	ng		97
18) Hexachloroethane	7.25	117	254593	38.03	ng	#	75
19) n-Nitroso-di-n-propylamine	7.17	70	560921	39.89	ng	#	84
20) 3+4-Methylphenols	7.17	107	702595	40.00	ng	#	58
22) Acetophenone	7.15	105	943333	38.43	ng	#	97
24) Nitrobenzene	7.32	77	679489	33.75	ng	#	87
25) Isophorone	7.57	82	1438545	39.49	ng		98
26) 2-Nitrophenol	7.64	139	355247	42.27	ng	#	73
27) 2,4-Dimethylphenol	7.70	122	598190	39.62	ng		92
28) bis(2-Chloroethoxy)methane	7.78	93	767584	37.36	ng		97
29) 2,4-Dichlorophenol	7.89	162	563073	41.26	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	582047	37.93	ng		99
31) Naphthalene	8.04	128	1608827	34.04	ng		99
32) Benzoic acid	7.85	122	401763	38.86	ng		90
33) 4-Chloroaniline	8.10	127	752289	36.93	ng		92
34) Hexachlorobutadiene	8.17	225	342615	35.67	ng		100
35) Caprolactam	8.50	113	183277	42.60	ng	#	81
36) 4-Chloro-3-methylphenol	8.59	107	611090	38.08	ng		93
37) 2-Methylnaphthalene	8.74	142	1258725	41.17	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	545139	36.05	ng		96
40) Hexachlorocyclopentadiene	8.90	237	317891	39.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	410527	36.37	ng		97
43) 2,4,5-Trichlorophenol	9.06	196	393780	35.27	ng		98
45) 1,1'-Biphenyl	9.21	154	1524827	38.62	ng		98
46) 2-Chloronaphthalene	9.22	162	1102777	35.80	ng		95
47) 2-Nitroaniline	9.32	65	433966	37.98	ng	#	81
48) Acenaphthylene	9.64	152	1846174	38.25	ng		98
49) Dimethylphthalate	9.52	163	1376301	36.50	ng		99
50) 2,6-Dinitrotoluene	9.57	165	341892	42.50	ng	#	66
51) Acenaphthene	9.81	154	1238393	40.48	ng		100
52) 3-Nitroaniline	9.73	138	316783	35.80	ng		88
53) 2,4-Dinitrophenol	9.84	184	150395	34.05	ng	#	27
54) Dibenzofuran	9.98	168	1602777	38.86	ng		89
55) 4-Nitrophenol	9.92	139	269132	39.65	ng	#	77
56) 2,4-Dinitrotoluene	9.97	165	442837	40.57	ng		90
57) Fluorene	10.33	166	1248318	37.37	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	317375	34.83	ng	#	89
59) Diethylphthalate	10.21	149	1419858	38.57	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	552479	33.06	ng	#	89
61) 4-Nitroaniline	10.35	138	361249	40.60	ng	#	82
62) Azobenzene	10.48	77	1553220	39.28	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	266516	42.59	ng		87
65) n-Nitrosodiphenylamine	10.44	169	1191453	37.54	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	402839	38.09	ng		95
67) Hexachlorobenzene	10.86	284	412334	34.91	ng	#	87
68) Atrazine	10.97	200	311407	31.73	ng		95
69) Pentachlorophenol	11.06	266	229054	31.94	ng		98
70) Phenanthrene	11.28	178	1672152	32.78	ng		100
71) Anthracene	11.33	178	1998093	37.18	ng		100
72) Carbazole	11.48	167	1465352	31.15	ng		99
73) Di-n-butylphthalate	11.82	149	1919046	32.74	ng		99
74) Fluoranthene	12.46	202	2020563	36.91	ng		95
76) Benzidine	12.58	184	871482	30.77	ng		98
77) Pyrene	12.68	202	1879846	32.39	ng		99
79) Butylbenzylphthalate	13.31	149	1257794	49.06	ng		96
80) Benzo(a)anthracene	13.87	228	2231189	42.22	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	833945	44.39	ng	#	96
82) Chrysene	13.92	228	2236548	46.21	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1457403	41.53	ng		99
84) Di-n-octyl phthalate	14.49	149	2580117	44.08	ng		97
85) Indeno(1,2,3-cd)pyrene	16.58	276	1840499	44.15	ng	#	94
87) Benzo(b)fluoranthene	14.89	252	2107326m	42.04	ng		
88) Benzo(k)fluoranthene	14.91	252	1391132m	31.29	ng		
89) Benzo(a)pyrene	15.22	252	1689433	38.90	ng		98
90) Dibenzo(a,h)anthracene	16.60	278	1500920	40.81	ng	#	95
91) Benzo(g,h,i)perylene	16.98	276	1529393	43.42	ng	#	93

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

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