Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
Data File : BF082941.D
Acq On : 16 Nov 2015 13:51
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:55:56 PM

Quant Time: Nov 17 06:54:38 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	214843	20.00	ng		-0.07
21) Naphthalene-d8	8.08	136	830419	20.00	ng		-0.07
38) Acenaphthene-d10	9.84	164	449276	20.00	ng		-0.06
63) Phenanthrene-d10	11.31	188	844089	20.00	ng		-0.07
75) Chrysene-d12	13.95	240	657872	20.00	ng		-0.07
86) Perylene-d12	15.38	264	608652	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1093529	79.20	ng		-0.05
7) Phenol-d6	6.45	99	1430583	77.93	ng		-0.03
23) Nitrobenzene-d5	7.36	82	1425135	74.67	ng		-0.06
41) 2,4,6-Tribromophenol	10.62	330	371107	72.04	ng		-0.06
44) 2-Fluorobiphenyl	9.16	172	2343950	74.77	ng		-0.06
78) Terphenyl-d14	12.90	244	2054489	74.07	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	244710	41.07	ng		96
3) Pyridine	3.04	79	822543	47.58	ng		96
4) n-Nitrosodimethylamine	2.98	42	348963	40.70	ng	#	77
6) Aniline	6.45	93	929377	36.06	ng	#	77
8) 2-Chlorophenol	6.58	128	573808	37.49	ng		83
9) Benzaldehyde	6.33	77	374442	36.92	ng		93
10) Phenol	6.46	94	928835	44.59	ng		88
11) bis(2-Chloroethyl)ether	6.53	93	653743	41.97	ng		85
12) 1,3-Dichlorobenzene	6.73	146	637747	36.94	ng	#	92
13) 1,4-Dichlorobenzene	6.81	146	698954	38.91	ng		95
14) 1,2-Dichlorobenzene	6.97	146	576378	35.29	ng		95
15) Benzyl Alcohol	6.94	79	603482	37.44	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	978932	42.85	ng		88
17) 2-Methylphenol	7.07	107	532678	41.09	ng		95
18) Hexachloroethane	7.30	117	242682	37.78	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	510826	37.86	ng		88
20) 3+4-Methylphenols	7.22	107	641145	38.04	ng	#	67
22) Acetophenone	7.21	105	889755	37.39	ng	#	98
24) Nitrobenzene	7.38	77	787406	40.35	ng		92
25) Isophorone	7.63	82	1404605	39.78	ng	#	95
26) 2-Nitrophenol	7.70	139	350385	43.01	ng	#	61
27) 2,4-Dimethylphenol	7.74	122	543298	37.12	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	831273	41.73	ng		98
29) 2,4-Dichlorophenol	7.95	162	546952	41.34	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	528398	35.52	ng		98
31) Naphthalene	8.10	128	1555484	33.95	ng		100
32) Benzoic acid	7.89	122	353988	35.32	ng		89
33) 4-Chloroaniline	8.16	127	809791	41.01	ng	#	89
34) Hexachlorobutadiene	8.22	225	366107	39.32	ng		99
35) Caprolactam	8.54	113	173731	41.66	ng	#	85
36) 4-Chloro-3-methylphenol	8.65	107	562803	36.18	ng		93
37) 2-Methylnaphthalene	8.80	142	1184440m	39.96	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	507576	34.38	ng		99
40) Hexachlorocyclopentadiene	8.96	237	287969	36.31	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	406775	36.91	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	399486	36.65	ng	#	76
45) 1,1'-Biphenyl	9.25	154	1336978	34.68	ng		94
46) 2-Chloronaphthalene	9.28	162	1039722	34.57	ng		95
47) 2-Nitroaniline	9.38	65	441353	39.56	ng	#	84
48) Acenaphthylene	9.70	152	1831194	38.86	ng		98
49) Dimethylphthalate	9.56	163	1300825	35.34	ng		98
50) 2,6-Dinitrotoluene	9.62	165	271055	34.51	ng		93
51) Acenaphthene	9.87	154	1188893	39.80	ng		98
52) 3-Nitroaniline	9.79	138	299526	34.68	ng		88
53) 2,4-Dinitrophenol	9.89	184	160054	37.12	ng	#	21
54) Dibenzofuran	10.04	168	1566852	38.91	ng		89
55) 4-Nitrophenol	9.97	139	269578	40.68	ng		91
56) 2,4-Dinitrotoluene	10.02	165	384607	36.09	ng		94
57) Fluorene	10.38	166	1199453	36.78	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	309845	34.83	ng	#	89
59) Diethylphthalate	10.26	149	1254397	34.90	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	547362	33.54	ng	#	88
61) 4-Nitroaniline	10.41	138	316358	36.42	ng	#	83
62) Azobenzene	10.53	77	1553521	40.24	ng		94
64) 4,6-Dinitro-2-methylphenol	10.43	198	214006	35.59	ng	#	48
65) n-Nitrosodiphenylamine	10.50	169	1188246	38.97	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	388858	38.26	ng	#	90
67) Hexachlorobenzene	10.93	284	433389	38.19	ng	#	62
68) Atrazine	11.02	200	324386	34.40	ng		96
69) Pentachlorophenol	11.13	266	230732	33.48	ng		98
70) Phenanthrene	11.33	178	1719462	35.08	ng		99
71) Anthracene	11.39	178	1792786	34.72	ng		100
72) Carbazole	11.55	167	1780972	39.40	ng		98
73) Di-n-butylphthalate	11.88	149	1891917	33.60	ng		100
74) Fluoranthene	12.52	202	1758844	33.44	ng		98
76) Benzidine	12.65	184	926815	42.04	ng		99
77) Pyrene	12.75	202	1870227	41.40	ng		99
79) Butylbenzylphthalate	13.38	149	947661	47.48	ng		92
80) Benzo(a)anthracene	13.94	228	1670963	40.62	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	555952	38.01	ng		98
82) Chrysene	13.99	228	1642420	43.59	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	1173263	42.95	ng	#	96
84) Di-n-octyl phthalate	14.57	149	1905692	41.82	ng		100
85) Indeno(1,2,3-cd)pyrene	16.74	276	1309996	40.37	ng		96
87) Benzo(b)fluoranthene	14.98	252	1460010	37.37	ng	#	98
88) Benzo(k)fluoranthene	15.00	252	1290606m	37.24	ng		
89) Benzo(a)pyrene	15.32	252	1258403	37.18	ng		99
90) Dibenzo(a,h)anthracene	16.76	278	1073714	37.46	ng		99
91) Benzo(g,h,i)perylene	17.15	276	1045662	38.09	ng	#	96

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

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