Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
Data File : BF083701.D
Acq On : 11 Dec 2015 16:42
Operator : UM/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:22:21 PM

Quant Time: Dec 11 18:06:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 11 17:53:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	128939	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	518284	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	228910	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	435875	20.00	ng		0.00
75) Chrysene-d12	14.08	240	301258	20.00	ng		0.00
86) Perylene-d12	15.51	264	233210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	704859	82.91	ng		0.00
7) Phenol-d6	6.54	99	816666	71.90	ng		0.00
23) Nitrobenzene-d5	7.48	82	679922	61.21	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	207880	101.93	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1226313	75.40	ng		0.00
78) Terphenyl-d14	13.02	244	1102486	86.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	167487	39.88	ng	#	88
3) Pyridine	3.30	79	450518	44.15	ng		91
4) n-Nitrosodimethylamine	3.24	42	179483	33.41	ng	#	75
6) Aniline	6.58	93	582482	41.61	ng	#	87
8) 2-Chlorophenol	6.70	128	374415	40.27	ng		96
9) Benzaldehyde	6.46	77	237048	39.28	ng		97
10) Phenol	6.56	94	444116	32.28	ng		79
11) bis(2-Chloroethyl)ether	6.66	93	372903	36.84	ng		93
12) 1,3-Dichlorobenzene	6.86	146	407019	39.28	ng		97
13) 1,4-Dichlorobenzene	6.94	146	431965	40.63	ng		98
14) 1,2-Dichlorobenzene	7.10	146	375328	38.04	ng		94
15) Benzyl Alcohol	7.06	79	283754	35.11	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	487703	26.06	ng		67
17) 2-Methylphenol	7.17	107	303776	40.16	ng	#	86
18) Hexachloroethane	7.45	117	146535	39.04	ng		94
19) n-Nitroso-di-n-propylamine	7.34	70	258301	32.58	ng	#	85
20) 3+4-Methylphenols	7.33	107	385201	38.67	ng	#	41
22) Acetophenone	7.33	105	480786	33.07	ng	#	97
24) Nitrobenzene	7.50	77	376671	30.68	ng		92
25) Isophorone	7.74	82	684347	31.75	ng		98
26) 2-Nitrophenol	7.82	139	153720	31.53	ng	#	85
27) 2,4-Dimethylphenol	7.86	122	337877	39.62	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	424859	35.49	ng	#	96
29) 2,4-Dichlorophenol	8.06	162	313125	40.38	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	337960	39.45	ng		99
31) Naphthalene	8.24	128	1086901	39.60	ng		98
32) Benzoic acid	7.96	122	182707	38.04	ng		94
33) 4-Chloroaniline	8.27	127	416177	41.58	ng		96
34) Hexachlorobutadiene	8.36	225	185217	37.01	ng		98
35) Caprolactam	8.64	113	91742	39.42	ng	#	81
36) 4-Chloro-3-methylphenol	8.75	107	315136	36.17	ng		94
37) 2-Methylnaphthalene	8.92	142	630858	36.59	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	313993	41.78	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	144174	141.55	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	216455	48.41	ng		99
43) 2,4,5-Trichlorophenol	9.23	196	188037	42.47	ng	#	93
45) 1,1'-Biphenyl	9.39	154	879263	44.19	ng		96
46) 2-Chloronaphthalene	9.41	162	653337	43.49	ng		97
47) 2-Nitroaniline	9.49	65	140758	25.98	ng		95
48) Acenaphthylene	9.82	152	1003027	40.49	ng		98
49) Dimethylphthalate	9.69	163	766927	42.09	ng		99
50) 2,6-Dinitrotoluene	9.74	165	153510	40.80	ng	#	64
51) Acenaphthene	10.00	154	569361	40.15	ng		100
52) 3-Nitroaniline	9.90	138	152805	38.22	ng		85
53) 2,4-Dinitrophenol	10.01	184	39957	24.92	ng	#	1
54) Dibenzofuran	10.17	168	787174	40.03	ng		92
55) 4-Nitrophenol	10.05	139	134937	76.65	ng		89
56) 2,4-Dinitrotoluene	10.14	165	192575	38.60	ng	#	56
57) Fluorene	10.51	166	645311	37.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	151287	46.16	ng	#	100
59) Diethylphthalate	10.38	149	695573	39.26	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	299558	36.66	ng	#	84
61) 4-Nitroaniline	10.51	138	140843	38.77	ng		94
62) Azobenzene	10.66	77	611291	31.35	ng		97
64) 4,6-Dinitro-2-methylphenol	10.54	198	62203	23.77	ng		93
65) n-Nitrosodiphenylamine	10.61	169	571868	39.75	ng		98
66) 4-Bromophenyl-phenylether	10.99	248	189062	38.89	ng	#	87
67) Hexachlorobenzene	11.06	284	203380	39.43	ng		99
68) Atrazine	11.14	200	160493	37.50	ng		97
69) Pentachlorophenol	11.24	266	121270	107.38	ng		99
70) Phenanthrene	11.47	178	1014343	40.50	ng		98
71) Anthracene	11.52	178	942816	36.34	ng		99
72) Carbazole	11.66	167	833195	37.45	ng	#	96
73) Di-n-butylphthalate	12.01	149	1008835	36.06	ng		100
74) Fluoranthene	12.65	202	932785	36.41	ng		94
76) Benzidine	12.76	184	517179	55.19	ng		99
77) Pyrene	12.88	202	940978	43.38	ng		98
79) Butylbenzylphthalate	13.50	149	347698	36.12	ng	#	81
80) Benzo(a)anthracene	14.07	228	730871	41.45	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	232691	39.06	ng	#	97
82) Chrysene	14.10	228	728066	41.19	ng		100
83) Bis(2-ethylhexyl)phthalate	14.07	149	376822	28.20	ng	#	98
84) Di-n-octyl phthalate	14.67	149	560080	27.43	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	712086	59.68	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	558589m	42.06	ng		
88) Benzo(k)fluoranthene	15.13	252	597098m	40.81	ng		
89) Benzo(a)pyrene	15.45	252	557392	43.01	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	596372	60.19	ng	#	94
91) Benzo(g,h,i)perylene	17.38	276	618031	63.97	ng		99

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

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