Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080782.D
Acq On : 1 Aug 2015 15:55
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/3/2015 3:41:08 PM

Quant Time: Aug 03 04:21:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	160178	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	549517	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	266121	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	466291	20.00	ng		0.00
75) Chrysene-d12	14.00	240	325131	20.00	ng		0.00
86) Perylene-d12	15.41	264	311781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	685454	73.41	ng		0.00
7) Phenol-d6	6.49	99	1005812	79.12	ng		0.00
23) Nitrobenzene-d5	7.42	82	959078	84.52	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	197002	71.34	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	1483724	83.18	ng		0.00
78) Terphenyl-d14	12.95	244	1116105	64.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	170176	36.96	ng		98
3) Pyridine	3.21	79	458422	35.88	ng		94
4) n-Nitrosodimethylamine	3.16	42	295455	40.46	ng		94
6) Aniline	6.52	93	682357	37.29	ng		99
8) 2-Chlorophenol	6.64	128	382026	36.50	ng		99
9) Benzaldehyde	6.40	77	288510	35.98	ng		86
10) Phenol	6.50	94	607368	41.29	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	360389	34.30	ng		98
12) 1,3-Dichlorobenzene	6.80	146	469199	40.27	ng		98
13) 1,4-Dichlorobenzene	6.88	146	474636	39.93	ng		98
14) 1,2-Dichlorobenzene	7.02	146	427485	39.35	ng		98
15) Benzyl Alcohol	7.00	79	355105	33.64	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	852427	37.97	ng		98
17) 2-Methylphenol	7.10	107	302188	35.18	ng		98
18) Hexachloroethane	7.37	117	175937	39.66	ng		93
19) n-Nitroso-di-n-propylamine	7.28	70	334780	39.11	ng		95
20) 3+4-Methylphenols	7.26	107	428900	40.46	ng		92
22) Acetophenone	7.26	105	518020	39.05	ng		95
24) Nitrobenzene	7.44	77	438576	38.58	ng		99
25) Isophorone	7.68	82	773311	38.32	ng		99
26) 2-Nitrophenol	7.76	139	204759	44.37	ng		94
27) 2,4-Dimethylphenol	7.79	122	344448	39.73	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	510169	42.67	ng		99
29) 2,4-Dichlorophenol	8.00	162	315778	40.98	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	329175	39.17	ng		99
31) Naphthalene	8.16	128	998244	36.39	ng		99
32) Benzoic acid	7.90	122	220461	36.34	ng		93
33) 4-Chloroaniline	8.20	127	422944	36.54	ng	#	84
34) Hexachlorobutadiene	8.28	225	246888	45.50	ng		98
35) Caprolactam	8.58	113	76309	33.07	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	319158	38.41	ng		95
37) 2-Methylnaphthalene	8.85	142	691773	40.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	313376	37.50	ng		97
40) Hexachlorocyclopentadiene	9.00	237	193641	37.66	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	219635	37.78	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	234369	40.64	ng		98
45) 1,1'-Biphenyl	9.31	154	714477	35.01	ng		95
46) 2-Chloronaphthalene	9.33	162	596174	35.77	ng	#	90
47) 2-Nitroaniline	9.42	65	222202	34.27	ng	#	70
48) Acenaphthylene	9.74	152	991310	37.41	ng		99
49) Dimethylphthalate	9.62	163	736482	39.27	ng		98
50) 2,6-Dinitrotoluene	9.68	165	165553	41.60	ng	#	81
51) Acenaphthene	9.93	154	631613	39.07	ng		98
52) 3-Nitroaniline	9.84	138	140459	30.58	ng	#	50
53) 2,4-Dinitrophenol	9.94	184	69271	32.68	ng		88
54) Dibenzofuran	10.09	168	806212	37.28	ng		93
55) 4-Nitrophenol	9.98	139	105675	31.23	ng	#	36
56) 2,4-Dinitrotoluene	10.08	165	209697	40.18	ng	#	74
57) Fluorene	10.43	166	589138	35.10	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	165549	38.07	ng		99
59) Diethylphthalate	10.32	149	710087	39.28	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	325639	44.86	ng		89
61) 4-Nitroaniline	10.45	138	160283	38.65	ng		95
62) Azobenzene	10.59	77	806749	41.20	ng		93
64) 4,6-Dinitro-2-methylphenol	10.48	198	99488	35.43	ng	#	78
65) n-Nitrosodiphenylamine	10.54	169	544216	35.60	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	195131	40.54	ng	#	88
67) Hexachlorobenzene	10.98	284	207061	37.20	ng	#	88
68) Atrazine	11.07	200	143126	36.32	ng		98
69) Pentachlorophenol	11.17	266	120014	35.64	ng		96
70) Phenanthrene	11.39	178	849569	36.16	ng		100
71) Anthracene	11.45	178	892679	38.67	ng		98
72) Carbazole	11.60	167	762047	38.04	ng		99
73) Di-n-butylphthalate	11.94	149	968342	38.98	ng	#	98
74) Fluoranthene	12.58	202	828850	36.49	ng		95
76) Benzidine	12.69	184	371628	31.39	ng		99
77) Pyrene	12.80	202	820137	32.52	ng		100
79) Butylbenzylphthalate	13.43	149	371217	35.84	ng	#	81
80) Benzo(a)anthracene	13.99	228	680007	34.78	ng		98
81) 3,3'-Dichlorobenzidine	13.95	252	242840	36.39	ng	#	97
82) Chrysene	14.02	228	599804	31.60	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	492306	39.22	ng	#	93
84) Di-n-octyl phthalate	14.59	149	729581	34.66	ng		99
85) Indeno(1,2,3-cd)pyrene	16.80	276	837491	48.71	ng	#	89
87) Benzo(b)fluoranthene	15.00	252	736546m	39.55	ng		
88) Benzo(k)fluoranthene	15.04	252	492393m	32.13	ng		
89) Benzo(a)pyrene	15.36	252	605260	39.59	ng	#	97
90) Dibenzo(a,h)anthracene	16.81	278	688631	50.31	ng		98
91) Benzo(g,h,i)perylene	17.21	276	692602	51.42	ng		96

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

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