Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
Data File : BF080555.D
Acq On : 18 Jul 2015 2:33
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/20/2015 3:44:37 PM

Quant Time: Jul 20 14:34:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 20 13:29:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	46449	20.00	ng		0.00
21) Naphthalene-d8	8.35	136	195118	20.00	ng		0.00
38) Acenaphthene-d10	10.11	164	80159	20.00	ng		0.00
63) Phenanthrene-d10	11.60	188	152549	20.00	ng		0.00
75) Chrysene-d12	14.43	240	126991	20.00	ng		0.08
86) Perylene-d12	16.16	264	111350	20.00	ng		0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	242265	81.32	ng		0.00
7) Phenol-d6	6.70	99	292828	86.37	ng		0.00
23) Nitrobenzene-d5	7.63	82	258578	84.50	ng		0.00
41) 2,4,6-Tribromophenol	10.90	330	65743	91.65	ng		0.00
44) 2-Fluorobiphenyl	9.42	172	507921	89.00	ng		0.00
78) Terphenyl-d14	13.23	244	464703	81.72	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	51243	41.12	ng		94
3) Pyridine	3.69	79	96140	41.64	ng	#	95
4) n-Nitrosodimethylamine	3.53	42	74765	45.51	ng		96
6) Aniline	6.74	93	178530	39.95	ng		98
8) 2-Chlorophenol	6.85	128	132623	42.67	ng		94
9) Benzaldehyde	6.61	77	82690	43.19	ng	#	77
10) Phenol	6.72	94	155649	39.69	ng		97
11) bis(2-Chloroethyl)ether	6.80	93	107156	36.16	ng		96
12) 1,3-Dichlorobenzene	7.00	146	154954	44.29	ng		98
13) 1,4-Dichlorobenzene	7.08	146	158918	41.24	ng		99
14) 1,2-Dichlorobenzene	7.24	146	140942	39.78	ng		98
15) Benzyl Alcohol	7.22	79	84403	38.99	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.33	45	190923	37.86	ng		94
17) 2-Methylphenol	7.33	107	89744	37.85	ng		92
18) Hexachloroethane	7.58	117	50887	41.20	ng		98
19) n-Nitroso-di-n-propylamine	7.47	70	73902	38.84	ng		95
20) 3+4-Methylphenols	7.48	107	134559	39.31	ng		97
22) Acetophenone	7.47	105	164782	39.35	ng	#	97
24) Nitrobenzene	7.65	77	121672	35.18	ng		97
25) Isophorone	7.88	82	215263	36.85	ng		98
26) 2-Nitrophenol	7.97	139	60758	35.80	ng		96
27) 2,4-Dimethylphenol	8.01	122	121190	41.70	ng		98
28) bis(2-Chloroethoxy)methane	8.09	93	122049	37.73	ng	#	97
29) 2,4-Dichlorophenol	8.21	162	102341	41.59	ng		95
30) 1,2,4-Trichlorobenzene	8.29	180	122322	38.88	ng		97
31) Naphthalene	8.37	128	396202	41.03	ng		99
32) Benzoic acid	8.10	122	43680	36.10	ng		92
33) 4-Chloroaniline	8.43	127	157672	40.98	ng		98
34) Hexachlorobutadiene	8.49	225	62704	42.74	ng		98
35) Caprolactam	8.76	113	22297	39.48	ng	#	80
36) 4-Chloro-3-methylphenol	8.91	107	98042	38.67	ng		96
37) 2-Methylnaphthalene	9.06	142	231407	39.04	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	107183	42.28	ng		98
40) Hexachlorocyclopentadiene	9.22	237	51242	42.95	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	70851	48.53	ng		99
43) 2,4,5-Trichlorophenol	9.39	196	67433	42.27	ng		98
45) 1,1'-Biphenyl	9.53	154	271246	40.82	ng		99
46) 2-Chloronaphthalene	9.55	162	224249	45.80	ng		98
47) 2-Nitroaniline	9.65	65	51845	42.91	ng		94
48) Acenaphthylene	9.97	152	339639	41.89	ng		99
49) Dimethylphthalate	9.82	163	215132	40.33	ng		100
50) 2,6-Dinitrotoluene	9.88	165	43408	41.83	ng		98
51) Acenaphthene	10.14	154	197811	39.92	ng		99
52) 3-Nitroaniline	10.06	138	51876	42.69	ng		93
53) 2,4-Dinitrophenol	10.17	184	17543	38.03	ng		93
54) Dibenzofuran	10.32	168	289446	41.96	ng		99
55) 4-Nitrophenol	10.24	139	35689	38.90	ng		95
56) 2,4-Dinitrotoluene	10.29	165	63405	40.00	ng		95
57) Fluorene	10.66	166	221567	40.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.44	232	46880	43.72	ng		98
59) Diethylphthalate	10.52	149	201740	40.06	ng		99
60) 4-Chlorophenyl-phenylether	10.65	204	99439	40.61	ng		97
61) 4-Nitroaniline	10.68	138	54722	42.75	ng		91
62) Azobenzene	10.80	77	210058	41.45	ng		97
64) 4,6-Dinitro-2-methylphenol	10.70	198	26625	39.74	ng		98
65) n-Nitrosodiphenylamine	10.76	169	205767	40.95	ng		99
66) 4-Bromophenyl-phenylether	11.14	248	54319	38.84	ng		95
67) Hexachlorobenzene	11.21	284	70168	41.38	ng		98
68) Atrazine	11.28	200	44498	37.41	ng		96
69) Pentachlorophenol	11.41	266	25881	41.07	ng		95
70) Phenanthrene	11.62	178	331191	39.85	ng		99
71) Anthracene	11.68	178	309747	38.37	ng		98
72) Carbazole	11.84	167	271386	37.53	ng		99
73) Di-n-butylphthalate	12.15	149	310196	41.97	ng	#	98
74) Fluoranthene	12.84	202	295867	38.08	ng		95
76) Benzidine	12.97	184	134699	39.64	ng		98
77) Pyrene	13.08	202	333689	40.72	ng		100
79) Butylbenzylphthalate	13.75	149	102623	39.19	ng	#	77
80) Benzo(a)anthracene	14.42	228	290440	41.09	ng		99
81) 3,3'-Dichlorobenzidine	14.39	252	89384	40.04	ng		98
82) Chrysene	14.47	228	285343	40.29	ng		99
83) Bis(2-ethylhexyl)phthalate	14.40	149	149944	39.09	ng	#	97
84) Di-n-octyl phthalate	15.15	149	208437	37.39	ng		99
85) Indeno(1,2,3-cd)pyrene	17.75	276	293168	40.18	ng		98
87) Benzo(b)fluoranthene	15.69	252	262535m	38.04	ng		
88) Benzo(k)fluoranthene	15.71	252	263396m	44.07	ng		
89) Benzo(a)pyrene	16.09	252	248105	42.19	ng		100
90) Dibenzo(a,h)anthracene	17.76	278	242730	41.91	ng		96
91) Benzo(g,h,i)perylene	18.23	276	252933	43.26	ng		97

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

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