Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080204.D
Acq On : 29 Jun 2015 12:05
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
6/30/2015 2:13:52 PM

Quant Time: Jun 30 10:39:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	44046	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	176858	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	92349	20.00	ng		-0.03
63) Phenanthrene-d10	11.88	188	189922	20.00	ng		-0.03
75) Chrysene-d12	15.00	240	205605	20.00	ng		0.00
86) Perylene-d12	16.96	264	202067	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.90	112	209437	84.17	ng		-0.03
7) Phenol-d6	6.90	99	290576	87.76	ng		-0.02
23) Nitrobenzene-d5	7.85	82	258195	84.99	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	75378	83.47	ng		-0.02
44) 2-Fluorobiphenyl	9.67	172	489709	75.62	ng		-0.02
78) Terphenyl-d14	13.65	244	664391	75.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	47671m	40.31	ng		
3) Pyridine	3.96	79	133448	42.43	ng	#	81
4) n-Nitrosodimethylamine	3.88	42	58556	39.17	ng		92
6) Aniline	6.95	93	198418	43.56	ng		93
8) 2-Chlorophenol	7.08	128	118854	41.33	ng		84
9) Benzaldehyde	6.85	77	69359	36.29	ng		91
10) Phenol	6.92	94	161620	44.73	ng		80
11) bis(2-Chloroethyl)ether	7.02	93	115570	40.31	ng		87
12) 1,3-Dichlorobenzene	7.24	146	137541m	39.81	ng		
13) 1,4-Dichlorobenzene	7.32	146	158534	48.25	ng		95
14) 1,2-Dichlorobenzene	7.48	146	133479	41.75	ng		99
15) Benzyl Alcohol	7.42	79	104608	38.64	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	7.57	45	201363	47.32	ng		85
17) 2-Methylphenol	7.53	107	104335	42.47	ng	#	88
18) Hexachloroethane	7.82	117	49066	44.85	ng	#	84
19) n-Nitroso-di-n-propylamine	7.69	70	100096	43.54	ng	#	77
20) 3+4-Methylphenols	7.68	107	137693	43.43	ng		91
22) Acetophenone	7.69	105	159072	38.60	ng	#	76
24) Nitrobenzene	7.88	77	143484	45.76	ng	#	73
25) Isophorone	8.12	82	240087	39.27	ng	#	97
26) 2-Nitrophenol	8.20	139	65410	49.84	ng	#	68
27) 2,4-Dimethylphenol	8.22	122	118604	43.34	ng	#	83
28) bis(2-Chloroethoxy)methane	8.31	93	136238	37.93	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	111314	47.49	ng		99
30) 1,2,4-Trichlorobenzene	8.53	180	127191	47.79	ng		98
31) Naphthalene	8.61	128	361961m	39.15	ng		
32) Benzoic acid	8.29	122	52623	31.80	ng	#	65
33) 4-Chloroaniline	8.65	127	191266	48.33	ng	#	98
34) Hexachlorobutadiene	8.73	225	70812	43.21	ng		99
35) Caprolactam	9.00	113	33122	43.54	ng		99
36) 4-Chloro-3-methylphenol	9.12	107	106153	40.15	ng		91
37) 2-Methylnaphthalene	9.30	142	259609	43.40	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	122855	45.72	ng		98
40) Hexachlorocyclopentadiene	9.46	237	40830	33.47	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	83272	45.54	ng		98
43) 2,4,5-Trichlorophenol	9.62	196	82036	38.94	ng	#	88
45) 1,1'-Biphenyl	9.77	154	296712	39.49	ng		95
46) 2-Chloronaphthalene	9.80	162	238259	39.08	ng	#	92
47) 2-Nitroaniline	9.89	65	69105	41.29	ng		95
48) Acenaphthylene	10.22	152	415530	40.84	ng		97
49) Dimethylphthalate	10.06	163	298006	42.92	ng	#	97
50) 2,6-Dinitrotoluene	10.13	165	58700	42.17	ng	#	89
51) Acenaphthene	10.39	154	241564	38.81	ng		89
52) 3-Nitroaniline	10.30	138	71149	44.30	ng	#	89
53) 2,4-Dinitrophenol	10.40	184	19980	38.53	ng	#	1
54) Dibenzofuran	10.56	168	339699	38.46	ng	#	88
55) 4-Nitrophenol	10.44	139	48842	38.05	ng	#	31
56) 2,4-Dinitrotoluene	10.53	165	78162	44.25	ng	#	71
57) Fluorene	10.92	166	296213	42.26	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.69	232	67755	38.10	ng		96
59) Diethylphthalate	10.77	149	275316	39.38	ng		95
60) 4-Chlorophenyl-phenylether	10.89	204	130601	38.77	ng	#	81
61) 4-Nitroaniline	10.92	138	68337	41.20	ng	#	78
62) Azobenzene	11.06	77	277618	39.01	ng		93
64) 4,6-Dinitro-2-methylphenol	10.95	198	33005	37.70	ng	#	60
65) n-Nitrosodiphenylamine	11.01	169	237382	38.38	ng		92
66) 4-Bromophenyl-phenylether	11.40	248	82566	40.89	ng		96
67) Hexachlorobenzene	11.48	284	87110	38.81	ng	#	81
68) Atrazine	11.54	200	75757	38.77	ng		83
69) Pentachlorophenol	11.67	266	44970	35.36	ng		98
70) Phenanthrene	11.91	178	453234	39.42	ng		98
71) Anthracene	11.96	178	441679	39.89	ng		98
72) Carbazole	12.12	167	420000	39.73	ng		96
73) Di-n-butylphthalate	12.46	149	467393	38.27	ng	#	99
74) Fluoranthene	13.21	202	471825	38.53	ng		94
76) Benzidine	13.35	184	247559	43.08	ng		98
77) Pyrene	13.49	202	503333	39.76	ng		97
79) Butylbenzylphthalate	14.23	149	200069	39.36	ng		89
80) Benzo(a)anthracene	14.99	228	479401	38.27	ng		96
81) 3,3'-Dichlorobenzidine	14.93	252	163141	37.76	ng	#	95
82) Chrysene	15.03	228	452206	39.15	ng		94
83) Bis(2-ethylhexyl)phthalate	14.97	149	288036	35.85	ng	#	93
84) Di-n-octyl phthalate	15.84	149	486283	35.32	ng		95
85) Indeno(1,2,3-cd)pyrene	18.83	276	553741	38.02	ng	#	89
87) Benzo(b)fluoranthene	16.41	252	483484	39.52	ng	#	89
88) Benzo(k)fluoranthene	16.46	252	477172	38.30	ng	#	86
89) Benzo(a)pyrene	16.88	252	463270	39.87	ng	#	87
90) Dibenzo(a,h)anthracene	18.85	278	458329	38.54	ng	#	81
91) Benzo(g,h,i)perylene	19.37	276	458875	38.22	ng	#	79

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

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