Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082914.D
Acq On : 13 Nov 2015 23:22
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:44:06 PM

Quant Time: Nov 14 05:53:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	195384	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	737493	20.00	ng		-0.05
38) Acenaphthene-d10	9.86	164	358622	20.00	ng		-0.03
63) Phenanthrene-d10	11.33	188	592597	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	394809	20.00	ng		-0.05
86) Perylene-d12	15.39	264	441323	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	959809	76.43	ng		-0.02
7) Phenol-d6	6.48	99	1288113	77.16	ng		0.00
23) Nitrobenzene-d5	7.38	82	1202425	70.94	ng		-0.03
41) 2,4,6-Tribromophenol	10.65	330	262797	63.91	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1990227	79.54	ng		-0.03
78) Terphenyl-d14	12.92	244	1266197	76.07	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	230602	42.56	ng		96
3) Pyridine	3.06	79	625869	39.81	ng		91
4) n-Nitrosodimethylamine	3.00	42	295934	37.95	ng	#	73
6) Aniline	6.50	93	856458	36.54	ng		98
8) 2-Chlorophenol	6.60	128	515585	37.04	ng		84
9) Benzaldehyde	6.35	77	352131	38.18	ng		88
10) Phenol	6.49	94	805902	42.54	ng		89
11) bis(2-Chloroethyl)ether	6.54	93	536499	37.87	ng		93
12) 1,3-Dichlorobenzene	6.75	146	585773m	37.31	ng		
13) 1,4-Dichlorobenzene	6.83	146	618709m	37.88	ng		
14) 1,2-Dichlorobenzene	6.98	146	505268	34.01	ng		95
15) Benzyl Alcohol	6.97	79	495772	33.82	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	7.09	45	772898	37.20	ng	#	30
17) 2-Methylphenol	7.09	107	436898	37.05	ng		94
18) Hexachloroethane	7.32	117	128139	21.93	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	400230	32.61	ng		90
20) 3+4-Methylphenols	7.24	107	540013	35.23	ng	#	61
22) Acetophenone	7.22	105	780301	36.93	ng	#	98
24) Nitrobenzene	7.40	77	623201	35.95	ng		90
25) Isophorone	7.64	82	1173045	37.41	ng		95
26) 2-Nitrophenol	7.71	139	243202	33.62	ng	#	81
27) 2,4-Dimethylphenol	7.77	122	422980	32.54	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	649026	36.69	ng	#	97
29) 2,4-Dichlorophenol	7.97	162	433719	36.92	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	485704	36.76	ng		98
31) Naphthalene	8.12	128	1454187	35.74	ng		100
32) Benzoic acid	7.89	122	368895	41.45	ng		88
33) 4-Chloroaniline	8.18	127	610163	34.79	ng	#	89
34) Hexachlorobutadiene	8.25	225	301969	36.52	ng		99
35) Caprolactam	8.56	113	153858	41.54	ng	#	71
36) 4-Chloro-3-methylphenol	8.67	107	479529	34.71	ng		89
37) 2-Methylnaphthalene	8.82	142	946219m	35.95	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	411758	34.94	ng		98
42) 2,4,6-Trichlorophenol	9.10	196	328385	37.33	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	321433	36.94	ng	#	77
45) 1,1'-Biphenyl	9.28	154	1057920	34.38	ng		95
46) 2-Chloronaphthalene	9.30	162	835084	34.79	ng		96
47) 2-Nitroaniline	9.40	65	368974	41.44	ng	#	67
48) Acenaphthylene	9.72	152	1471653	39.12	ng		98
49) Dimethylphthalate	9.58	163	1087335	37.01	ng		100
50) 2,6-Dinitrotoluene	9.64	165	244891	39.06	ng		89
51) Acenaphthene	9.89	154	866974	36.36	ng		99
52) 3-Nitroaniline	9.81	138	293070	42.50	ng	#	76
53) 2,4-Dinitrophenol	9.92	184	16620	4.83	ng	#	7
54) Dibenzofuran	10.06	168	1252769	38.97	ng	#	85
55) 4-Nitrophenol	9.98	139	162765	30.77	ng	#	78
56) 2,4-Dinitrotoluene	10.04	165	296889	34.90	ng		93
57) Fluorene	10.41	166	981764	37.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	244241	34.40	ng	#	85
59) Diethylphthalate	10.28	149	1041271	36.30	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	456721	35.06	ng		91
61) 4-Nitroaniline	10.42	138	235242	33.93	ng	#	76
62) Azobenzene	10.56	77	1191466	38.66	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	42364	10.03	ng		97
65) n-Nitrosodiphenylamine	10.52	169	890874	41.61	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	300094	42.06	ng	#	89
67) Hexachlorobenzene	10.96	284	315315	39.58	ng	#	65
68) Atrazine	11.05	200	244659	36.96	ng		98
69) Pentachlorophenol	11.15	266	135796	28.07	ng		98
70) Phenanthrene	11.37	178	1320225	38.36	ng		96
71) Anthracene	11.41	178	1312471	36.21	ng		98
72) Carbazole	11.57	167	1204947	37.97	ng		97
73) Di-n-butylphthalate	11.91	149	1524624	38.56	ng		99
74) Fluoranthene	12.55	202	1083228	29.33	ng		97
76) Benzidine	12.67	184	503829	38.08	ng		99
77) Pyrene	12.77	202	1072626	39.56	ng		98
79) Butylbenzylphthalate	13.40	149	548790	45.82	ng		96
80) Benzo(a)anthracene	13.96	228	931774	37.74	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	330253	37.63	ng		99
82) Chrysene	14.00	228	905015	40.02	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	718669	43.84	ng	#	97
84) Di-n-octyl phthalate	14.58	149	1259160	46.04	ng		98
85) Indeno(1,2,3-cd)pyrene	16.77	276	946725	48.61	ng	#	95
87) Benzo(b)fluoranthene	14.99	252	937708m	33.10	ng		
88) Benzo(k)fluoranthene	15.03	252	971619m	38.66	ng		
89) Benzo(a)pyrene	15.33	252	911836	37.15	ng	#	96
90) Dibenzo(a,h)anthracene	16.79	278	797278	38.36	ng	#	95
91) Benzo(g,h,i)perylene	17.19	276	714692	35.90	ng	#	95

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

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