Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082813.D
Acq On : 8 Nov 2015 00:38
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:08:40 PM

Quant Time: Nov 09 01:31:29 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	6.85	152	154762	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	588509	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	262829	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	413167	20.00	ng		0.00
75) Chrysene-d12	14.02	240	298234	20.00	ng		0.00
86) Perylene-d12	15.44	264	321803	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	983364	98.86	ng		0.01
7) Phenol-d6	6.50	99	1004684	75.98	ng		0.02
23) Nitrobenzene-d5	7.42	82	1063116	78.60	ng		0.01
41) 2,4,6-Tribromophenol	10.68	330	192957	64.03	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1446711	78.89	ng		0.00
78) Terphenyl-d14	12.97	244	1196473	95.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	233805	54.48	ng		96
3) Pyridine	3.15	79	737782	59.24	ng		97
4) n-Nitrosodimethylamine	3.10	42	322305	52.18	ng	#	77
6) Aniline	6.51	93	657158	35.40	ng	#	15
8) 2-Chlorophenol	6.64	128	395602	35.88	ng	#	77
9) Benzaldehyde	6.40	77	318793	43.64	ng		89
10) Phenol	6.51	94	620629	41.36	ng		80
11) bis(2-Chloroethyl)ether	6.59	93	417133	37.18	ng		90
12) 1,3-Dichlorobenzene	6.80	146	493910m	39.72	ng		
13) 1,4-Dichlorobenzene	6.88	146	483544m	37.37	ng		
14) 1,2-Dichlorobenzene	7.02	146	422842	35.94	ng		95
15) Benzyl Alcohol	7.00	79	442952	38.14	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	602822	36.63	ng		96
17) 2-Methylphenol	7.12	107	325931	34.90	ng		99
18) Hexachloroethane	7.37	117	154517	33.39	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	347451	35.74	ng		88
20) 3+4-Methylphenols	7.28	107	467095	38.47	ng	#	70
22) Acetophenone	7.26	105	586924	34.81	ng	#	92
24) Nitrobenzene	7.44	77	451625	32.65	ng	#	87
25) Isophorone	7.68	82	961251	38.41	ng		98
26) 2-Nitrophenol	7.76	139	229398	39.73	ng	#	74
27) 2,4-Dimethylphenol	7.80	122	407969	39.33	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	551650	39.08	ng		98
29) 2,4-Dichlorophenol	8.01	162	357783	38.16	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	407602	38.66	ng		95
31) Naphthalene	8.17	128	1243424	38.29	ng		98
32) Benzoic acid	7.92	122	233621	32.89	ng		92
33) 4-Chloroaniline	8.21	127	537615	38.42	ng	#	89
34) Hexachlorobutadiene	8.29	225	252636	38.29	ng		98
35) Caprolactam	8.59	113	106441	36.01	ng	#	81
36) 4-Chloro-3-methylphenol	8.70	107	367301	33.31	ng	#	77
37) 2-Methylnaphthalene	8.85	142	708731	33.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	413915	47.92	ng		97
40) Hexachlorocyclopentadiene	9.01	237	79629	17.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	289224	44.86	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	244002	38.27	ng		95
45) 1,1'-Biphenyl	9.32	154	1000118	44.35	ng		99
46) 2-Chloronaphthalene	9.34	162	759801	43.19	ng		99
47) 2-Nitroaniline	9.44	65	282473	43.28	ng	#	87
48) Acenaphthylene	9.76	152	1102229	39.98	ng		99
49) Dimethylphthalate	9.62	163	818520	38.01	ng		99
50) 2,6-Dinitrotoluene	9.68	165	159087	34.62	ng	#	83
51) Acenaphthene	9.93	154	622783	35.64	ng		99
52) 3-Nitroaniline	9.85	138	205662	40.70	ng		86
53) 2,4-Dinitrophenol	9.95	184	22433	8.89	ng	#	14
54) Dibenzofuran	10.10	168	897405	38.09	ng		95
55) 4-Nitrophenol	10.01	139	111717	28.82	ng	#	78
56) 2,4-Dinitrotoluene	10.08	165	220001	35.29	ng		88
57) Fluorene	10.44	166	732436	38.39	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	200782	38.58	ng	#	87
59) Diethylphthalate	10.32	149	856006	40.71	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	395419	41.42	ng		95
61) 4-Nitroaniline	10.45	138	172308	33.91	ng		87
62) Azobenzene	10.59	77	950812	42.10	ng		87
64) 4,6-Dinitro-2-methylphenol	10.49	198	48770	16.57	ng		88
65) n-Nitrosodiphenylamine	10.56	169	717141	48.05	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	213424	42.90	ng	#	69
67) Hexachlorobenzene	10.99	284	234290	42.18	ng		89
68) Atrazine	11.08	200	188196	40.77	ng		96
69) Pentachlorophenol	11.18	266	116638	34.58	ng		99
70) Phenanthrene	11.40	178	991505	41.32	ng		98
71) Anthracene	11.46	178	1106367	43.77	ng		97
72) Carbazole	11.61	167	890669	40.26	ng		98
73) Di-n-butylphthalate	11.95	149	1346496	48.85	ng	#	96
74) Fluoranthene	12.59	202	949634	36.88	ng		95
76) Benzidine	12.70	184	412760	41.30	ng		99
77) Pyrene	12.82	202	922155	45.02	ng		98
79) Butylbenzylphthalate	13.44	149	391176	43.23	ng		93
80) Benzo(a)anthracene	14.01	228	743729	39.88	ng		97
81) 3,3'-Dichlorobenzidine	13.96	252	264024	39.82	ng		98
82) Chrysene	14.04	228	755571	44.23	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	546339	44.12	ng	#	99
84) Di-n-octyl phthalate	14.61	149	951912	46.08	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	754212	51.27	ng		99
87) Benzo(b)fluoranthene	15.04	252	758308m	36.71	ng		
88) Benzo(k)fluoranthene	15.06	252	668484m	36.48	ng		
89) Benzo(a)pyrene	15.38	252	700756	39.16	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	643334	42.45	ng		100
91) Benzo(g,h,i)perylene	17.25	276	581895	40.09	ng		98

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

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