Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082077.D
Acq On : 6 Oct 2015 11:32
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:51:37 PM

Quant Time: Oct 07 02:00:26 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 17:58:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	96005	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	383630	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	198166	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	376242	20.00	ng		0.00
75) Chrysene-d12	14.07	240	355893	20.00	ng		0.01
86) Perylene-d12	15.51	264	320530	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	396442	74.96	ng		0.00
7) Phenol-d6	6.51	99	483625	72.67	ng		0.00
23) Nitrobenzene-d5	7.45	82	434025	75.42	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	138498	69.01	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	882532	72.41	ng		0.00
78) Terphenyl-d14	13.01	244	990884	92.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	90268	39.25	ng	#	82
3) Pyridine	3.20	79	233424	38.98	ng	#	84
4) n-Nitrosodimethylamine	3.15	42	93154	34.25	ng		97
6) Aniline	6.55	93	330402	36.95	ng		92
8) 2-Chlorophenol	6.66	128	217225	37.20	ng		85
9) Benzaldehyde	6.43	77	141756	32.53	ng	#	87
10) Phenol	6.54	94	261945	35.09	ng	#	46
11) bis(2-Chloroethyl)ether	6.62	93	216961	37.48	ng		96
12) 1,3-Dichlorobenzene	6.82	146	272008	39.43	ng	#	95
13) 1,4-Dichlorobenzene	6.90	146	279240	38.77	ng	#	95
14) 1,2-Dichlorobenzene	7.05	146	233679m	36.41	ng		
15) Benzyl Alcohol	7.03	79	176515	36.74	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	310536	37.94	ng		83
17) 2-Methylphenol	7.14	107	182176	38.47	ng	#	85
18) Hexachloroethane	7.39	117	91925	40.76	ng	#	83
19) n-Nitroso-di-n-propylamine	7.30	70	160729	39.74	ng	#	76
20) 3+4-Methylphenols	7.30	107	219366	36.68	ng	#	52
22) Acetophenone	7.30	105	310400	39.57	ng	#	82
24) Nitrobenzene	7.47	77	250198	40.04	ng	#	71
25) Isophorone	7.71	82	445937	39.09	ng	#	91
26) 2-Nitrophenol	7.79	139	126505	42.17	ng	#	88
27) 2,4-Dimethylphenol	7.83	122	212126	40.20	ng	#	83
28) bis(2-Chloroethoxy)methane	7.92	93	242226	35.76	ng	#	93
29) 2,4-Dichlorophenol	8.03	162	207280	40.51	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	229131	40.11	ng		98
31) Naphthalene	8.19	128	633918	37.29	ng		97
32) Benzoic acid	7.94	122	114239	38.00	ng	#	67
33) 4-Chloroaniline	8.25	127	286462	38.97	ng	#	97
34) Hexachlorobutadiene	8.31	225	141415	41.86	ng		99
35) Caprolactam	8.63	113	62786	44.32	ng		97
36) 4-Chloro-3-methylphenol	8.73	107	211987	42.37	ng		86
37) 2-Methylnaphthalene	8.89	142	439728	37.90	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	230518	37.89	ng		98
40) Hexachlorocyclopentadiene	9.04	237	97308	31.06	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	156308	37.48	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	160514	37.42	ng	#	91
45) 1,1'-Biphenyl	9.35	154	535883	35.05	ng		94
46) 2-Chloronaphthalene	9.38	162	432331	36.02	ng		96
47) 2-Nitroaniline	9.47	65	128267	36.40	ng	#	73
48) Acenaphthylene	9.79	152	738004	38.41	ng		96
49) Dimethylphthalate	9.66	163	552867	40.42	ng	#	98
50) 2,6-Dinitrotoluene	9.71	165	111359	37.50	ng	#	46
51) Acenaphthene	9.97	154	456957	40.05	ng		90
52) 3-Nitroaniline	9.90	138	135319	39.38	ng		95
53) 2,4-Dinitrophenol	10.00	184	52140	49.15	ng	#	86
54) Dibenzofuran	10.14	168	609145	37.78	ng	#	90
55) 4-Nitrophenol	10.06	139	86102	34.68	ng	#	77
56) 2,4-Dinitrotoluene	10.13	165	165064	43.60	ng	#	99
57) Fluorene	10.48	166	503526	43.60	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	133821	39.33	ng		95
59) Diethylphthalate	10.35	149	538951	42.18	ng		97
60) 4-Chlorophenyl-phenylether	10.47	204	213210	36.12	ng	#	83
61) 4-Nitroaniline	10.51	138	139624	40.53	ng	#	66
62) Azobenzene	10.63	77	471604	37.82	ng		90
64) 4,6-Dinitro-2-methylphenol	10.54	198	82075	48.06	ng	#	57
65) n-Nitrosodiphenylamine	10.59	169	459161	40.34	ng		91
66) 4-Bromophenyl-phenylether	10.96	248	147659	38.92	ng		95
67) Hexachlorobenzene	11.03	284	162937	38.06	ng	#	77
68) Atrazine	11.12	200	136648	38.69	ng		83
69) Pentachlorophenol	11.22	266	93799	38.45	ng		99
70) Phenanthrene	11.44	178	683991	37.50	ng		96
71) Anthracene	11.50	178	805232	42.11	ng		98
72) Carbazole	11.66	167	707814	40.90	ng		97
73) Di-n-butylphthalate	11.98	149	809822	45.97	ng	#	98
74) Fluoranthene	12.63	202	739063	36.67	ng		92
76) Benzidine	12.76	184	437774	40.83	ng		97
77) Pyrene	12.86	202	765106	35.99	ng		96
79) Butylbenzylphthalate	13.48	149	336925	42.11	ng	#	86
80) Benzo(a)anthracene	14.06	228	744853	38.87	ng		96
81) 3,3'-Dichlorobenzidine	14.02	252	289355	44.71	ng	#	91
82) Chrysene	14.09	228	766609m	46.79	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	483441	48.17	ng	#	94
84) Di-n-octyl phthalate	14.65	149	812063	49.72	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.95	276	623506	41.59	ng	#	87
87) Benzo(b)fluoranthene	15.10	252	749865	40.98	ng	#	84
88) Benzo(k)fluoranthene	15.12	252	609346m	36.33	ng		
89) Benzo(a)pyrene	15.45	252	629114	39.63	ng	#	86
90) Dibenzo(a,h)anthracene	16.97	278	511532	38.41	ng	#	79
91) Benzo(g,h,i)perylene	17.38	276	487417	35.71	ng	#	78

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

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