Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084804.D
Acq On : 4 Feb 2016 00:24
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:52 PM

Quant Time: Feb 04 04:41:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	153400	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	640710	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	297015	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	566155	20.00	ng		0.00
75) Chrysene-d12	13.84	240	430892	20.00	ng		0.00
86) Perylene-d12	15.21	264	309101	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	835148	84.80	ng		0.00
7) Phenol-d6	6.34	99	964561	79.00	ng		0.00
23) Nitrobenzene-d5	7.26	82	953539	83.84	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	248336	80.16	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1620094	96.04	ng		0.00
78) Terphenyl-d14	12.80	244	1562775	82.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	176852	41.00	ng	#	78
3) Pyridine	2.83	79	488230	43.44	ng	#	74
4) n-Nitrosodimethylamine	2.78	42	222502	38.28	ng		82
6) Aniline	6.35	93	630008	42.17	ng	#	69
8) 2-Chlorophenol	6.48	128	471649	42.31	ng		94
9) Benzaldehyde	6.22	77	291224	40.39	ng		93
10) Phenol	6.35	94	528827	38.66	ng	#	66
11) bis(2-Chloroethyl)ether	6.43	93	435467	40.83	ng		84
12) 1,3-Dichlorobenzene	6.62	146	488718	41.49	ng	#	94
13) 1,4-Dichlorobenzene	6.70	146	502863	42.71	ng		96
14) 1,2-Dichlorobenzene	6.86	146	413871m	37.74	ng		
15) Benzyl Alcohol	6.84	79	347777	41.25	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	708672	39.50	ng		87
17) 2-Methylphenol	6.97	107	364278	41.32	ng	#	92
18) Hexachloroethane	7.20	117	180469	39.80	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	303313	39.63	ng	#	76
20) 3+4-Methylphenols	7.12	107	429822	39.28	ng	#	72
22) Acetophenone	7.10	105	647875	38.37	ng	#	98
24) Nitrobenzene	7.28	77	435715	35.77	ng		94
25) Isophorone	7.53	82	872727	39.46	ng		96
26) 2-Nitrophenol	7.60	139	248357	41.34	ng	#	87
27) 2,4-Dimethylphenol	7.64	122	374630	35.85	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	481853	36.73	ng		99
29) 2,4-Dichlorophenol	7.85	162	353583	39.55	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	383670	38.00	ng		96
31) Naphthalene	8.00	128	1209264	37.63	ng		99
32) Benzoic acid	7.79	122	296199	44.32	ng		97
33) 4-Chloroaniline	8.05	127	510568	38.41	ng		99
34) Hexachlorobutadiene	8.12	225	231539	39.77	ng		98
35) Caprolactam	8.44	113	120304	43.66	ng	#	76
36) 4-Chloro-3-methylphenol	8.54	107	383912	37.64	ng		92
37) 2-Methylnaphthalene	8.69	142	826314	41.08	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	351272	37.24	ng		99
40) Hexachlorocyclopentadiene	8.84	237	155779	45.63	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	237688	39.11	ng		97
43) 2,4,5-Trichlorophenol	9.01	196	247292	40.05	ng	#	85
45) 1,1'-Biphenyl	9.15	154	1012200	38.15	ng		97
46) 2-Chloronaphthalene	9.17	162	728056	37.27	ng		96
47) 2-Nitroaniline	9.28	65	222855	36.02	ng		96
48) Acenaphthylene	9.58	152	1091943	36.83	ng		98
49) Dimethylphthalate	9.47	163	913996	40.40	ng	#	91
50) 2,6-Dinitrotoluene	9.53	165	219177	44.35	ng		97
51) Acenaphthene	9.76	154	726479	37.66	ng		96
52) 3-Nitroaniline	9.69	138	201144	36.22	ng		96
53) 2,4-Dinitrophenol	9.80	184	93820	43.95	ng	#	82
54) Dibenzofuran	9.93	168	908430	38.54	ng		90
55) 4-Nitrophenol	9.87	139	161699	39.62	ng		84
56) 2,4-Dinitrotoluene	9.93	165	276659	43.89	ng	#	94
57) Fluorene	10.27	166	734140	37.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	197517	42.02	ng		91
59) Diethylphthalate	10.16	149	852294	38.58	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	381362	46.32	ng		98
61) 4-Nitroaniline	10.30	138	223426	41.29	ng		93
62) Azobenzene	10.43	77	919627	43.30	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	146644	41.97	ng		70
65) n-Nitrosodiphenylamine	10.40	169	751366	41.80	ng		97
66) 4-Bromophenyl-phenylether	10.76	248	256826	41.07	ng		98
67) Hexachlorobenzene	10.82	284	264677	38.85	ng	#	91
68) Atrazine	10.92	200	208761	36.77	ng		98
69) Pentachlorophenol	11.01	266	128498	40.13	ng		97
70) Phenanthrene	11.23	178	1195274	38.06	ng		97
71) Anthracene	11.29	178	1264190	39.95	ng		99
72) Carbazole	11.44	167	1026098	37.19	ng		99
73) Di-n-butylphthalate	11.78	149	1310295	37.30	ng	#	96
74) Fluoranthene	12.41	202	1244152	39.15	ng		98
76) Benzidine	12.55	184	610473	40.33	ng		99
77) Pyrene	12.64	202	1202512	36.45	ng		99
79) Butylbenzylphthalate	13.27	149	561692	37.53	ng	#	84
80) Benzo(a)anthracene	13.83	228	1020138	38.14	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	337737	35.67	ng	#	92
82) Chrysene	13.86	228	885922	34.16	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	750459	40.29	ng	#	96
84) Di-n-octyl phthalate	14.44	149	1138942	37.07	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.50	276	780013	38.21	ng		99
87) Benzo(b)fluoranthene	14.83	252	773924m	37.26	ng		
88) Benzo(k)fluoranthene	14.85	252	728949m	42.45	ng		
89) Benzo(a)pyrene	15.15	252	690364	39.01	ng	#	96
90) Dibenzo(a,h)anthracene	16.51	278	651700	43.75	ng		96
91) Benzo(g,h,i)perylene	16.89	276	674813	44.97	ng		97

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

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