Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084230.D
Acq On : 1 Jan 2016 7:34
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/4/2016 4:30:14 PM

Quant Time: Jan 02 04:29:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	326567	20.00	ng		0.01
21) Naphthalene-d8	8.19	136	1263281	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	593169	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	968683	20.00	ng		0.01
75) Chrysene-d12	14.07	240	582094	20.00	ng		0.00
86) Perylene-d12	15.51	264	650308	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1689737	83.69	ng		0.02
7) Phenol-d6	6.54	99	2006417	79.13	ng		0.01
23) Nitrobenzene-d5	7.48	82	1983397	87.38	ng		0.01
41) 2,4,6-Tribromophenol	10.74	330	440312	73.53	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2993035	89.07	ng		0.01
78) Terphenyl-d14	13.01	244	1944362	74.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	379093	39.64	ng	#	74
3) Pyridine	3.29	79	983001	36.86	ng	#	74
4) n-Nitrosodimethylamine	3.23	42	537523	39.27	ng	#	77
6) Aniline	6.57	93	1347551	36.33	ng	#	85
8) 2-Chlorophenol	6.69	128	893406	39.00	ng		90
9) Benzaldehyde	6.45	77	638289	38.66	ng		98
10) Phenol	6.57	94	1091149	37.85	ng	#	65
11) bis(2-Chloroethyl)ether	6.65	93	950612	42.56	ng		87
12) 1,3-Dichlorobenzene	6.84	146	931224m	39.41	ng		
13) 1,4-Dichlorobenzene	6.92	146	906275	38.25	ng		98
14) 1,2-Dichlorobenzene	7.08	146	912835	40.23	ng		98
15) Benzyl Alcohol	7.06	79	838703	39.32	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1548463	38.07	ng		85
17) 2-Methylphenol	7.17	107	777587	40.50	ng		95
18) Hexachloroethane	7.42	117	385826	40.72	ng	#	89
19) n-Nitroso-di-n-propylamine	7.33	70	705956	41.13	ng	#	75
20) 3+4-Methylphenols	7.32	107	762711	33.80	ng		96
22) Acetophenone	7.32	105	1201289	39.55	ng	#	88
24) Nitrobenzene	7.49	77	921870	40.04	ng		94
25) Isophorone	7.73	82	1704262	39.26	ng		97
26) 2-Nitrophenol	7.81	139	495263	47.27	ng		98
27) 2,4-Dimethylphenol	7.86	122	841386	39.67	ng		86
28) bis(2-Chloroethoxy)methane	7.95	93	1166072	43.98	ng		97
29) 2,4-Dichlorophenol	8.05	162	707720	40.06	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	752025	41.23	ng		97
31) Naphthalene	8.21	128	2228451	38.88	ng		98
32) Benzoic acid	7.97	122	446055m	34.69	ng		
33) 4-Chloroaniline	8.27	127	1144564	43.56	ng	#	92
34) Hexachlorobutadiene	8.34	225	456193	43.51	ng		99
35) Caprolactam	8.66	113	250948	42.14	ng		94
36) 4-Chloro-3-methylphenol	8.75	107	747487	37.77	ng		93
37) 2-Methylnaphthalene	8.91	142	1732623	42.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	663248	38.89	ng		98
40) Hexachlorocyclopentadiene	9.06	237	414594	40.27	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	475693	37.29	ng		97
43) 2,4,5-Trichlorophenol	9.23	196	513453	41.98	ng		95
45) 1,1'-Biphenyl	9.37	154	1935077	41.05	ng		98
46) 2-Chloronaphthalene	9.40	162	1467128	39.62	ng	#	86
47) 2-Nitroaniline	9.49	65	508383	41.60	ng		95
48) Acenaphthylene	9.81	152	2284346	41.76	ng		96
49) Dimethylphthalate	9.68	163	1566628	36.94	ng	#	89
50) 2,6-Dinitrotoluene	9.73	165	338985	36.45	ng	#	46
51) Acenaphthene	9.98	154	1497184	40.80	ng		98
52) 3-Nitroaniline	9.90	138	396278	34.39	ng		95
53) 2,4-Dinitrophenol	10.01	184	144664	38.45	ng	#	79
54) Dibenzofuran	10.16	168	2006606	42.02	ng		92
55) 4-Nitrophenol	10.06	139	249831	29.86	ng	#	78
56) 2,4-Dinitrotoluene	10.13	165	441691	37.52	ng	#	87
57) Fluorene	10.50	166	1539765	41.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	376673	36.07	ng		93
59) Diethylphthalate	10.37	149	1581397	37.82	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	639405	40.43	ng		88
61) 4-Nitroaniline	10.52	138	394270	38.38	ng		85
62) Azobenzene	10.65	77	1716501	37.43	ng		87
64) 4,6-Dinitro-2-methylphenol	10.54	198	233882	39.52	ng		85
65) n-Nitrosodiphenylamine	10.61	169	1373754	44.36	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	440676	42.27	ng	#	82
67) Hexachlorobenzene	11.05	284	479574	40.87	ng	#	84
68) Atrazine	11.14	200	392631	38.74	ng		98
69) Pentachlorophenol	11.24	266	215563	35.43	ng		99
70) Phenanthrene	11.46	178	2125492	41.95	ng		96
71) Anthracene	11.50	178	1949049	39.24	ng		98
72) Carbazole	11.66	167	1714830	35.31	ng		98
73) Di-n-butylphthalate	12.00	149	2140073	40.36	ng	#	95
74) Fluoranthene	12.64	202	1810341	34.20	ng		97
76) Benzidine	12.76	184	508086	24.34	ng		98
77) Pyrene	12.86	202	1803343	39.48	ng		98
79) Butylbenzylphthalate	13.49	149	779228	39.42	ng		94
80) Benzo(a)anthracene	14.05	228	1348211	39.45	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	514110	43.10	ng	#	93
82) Chrysene	14.10	228	1352021	41.17	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	968419	38.78	ng		99
84) Di-n-octyl phthalate	14.67	149	1735982	41.18	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.95	276	1712849	65.79	ng		99
87) Benzo(b)fluoranthene	15.09	252	1376453	32.36	ng	#	95
88) Benzo(k)fluoranthene	15.13	252	1445410m	41.55	ng		
89) Benzo(a)pyrene	15.45	252	1418222	39.31	ng	#	96
90) Dibenzo(a,h)anthracene	16.96	278	1406739	45.31	ng		99
91) Benzo(g,h,i)perylene	17.37	276	1427366	44.39	ng		98

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

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