Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084206.D
Acq On : 31 Dec 2015 20:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/4/2016 4:28:58 PM

Quant Time: Jan 02 04:18:30 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	6.90	152	319098	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1354358	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	623540	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	1101855	20.00	ng		0.00
75) Chrysene-d12	14.07	240	784632	20.00	ng		0.00
86) Perylene-d12	15.51	264	589270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1564850	79.32	ng		0.00
7) Phenol-d6	6.53	99	2127385	85.86	ng		0.00
23) Nitrobenzene-d5	7.47	82	1837289	75.50	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	512115	81.35	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2867496	80.57	ng		0.00
78) Terphenyl-d14	13.01	244	2424025	68.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	396919	42.47	ng	#	72
3) Pyridine	3.25	79	1083753	41.59	ng	#	68
4) n-Nitrosodimethylamine	3.21	42	571354	42.72	ng	#	75
6) Aniline	6.57	93	1530209	42.22	ng	#	78
8) 2-Chlorophenol	6.68	128	899071	40.17	ng		84
9) Benzaldehyde	6.44	77	627710	38.91	ng		94
10) Phenol	6.54	94	1365944	48.49	ng		91
11) bis(2-Chloroethyl)ether	6.64	93	828192	37.95	ng	#	79
12) 1,3-Dichlorobenzene	6.84	146	943770	40.87	ng	#	93
13) 1,4-Dichlorobenzene	6.92	146	1002455	43.29	ng		96
14) 1,2-Dichlorobenzene	7.07	146	849061	38.29	ng		93
15) Benzyl Alcohol	7.05	79	904763	43.41	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1585531	39.90	ng		85
17) 2-Methylphenol	7.15	107	803270	42.82	ng		96
18) Hexachloroethane	7.42	117	387764	41.88	ng	#	82
19) n-Nitroso-di-n-propylamine	7.32	70	632347	37.70	ng	#	67
20) 3+4-Methylphenols	7.31	107	858087	38.92	ng	#	74
22) Acetophenone	7.32	105	1357775	41.69	ng	#	93
24) Nitrobenzene	7.49	77	1042862	42.25	ng		90
25) Isophorone	7.73	82	1856492	39.89	ng		97
26) 2-Nitrophenol	7.80	139	446101	39.71	ng	#	80
27) 2,4-Dimethylphenol	7.85	122	929252	40.87	ng		90
28) bis(2-Chloroethoxy)methane	7.94	93	1020615	35.90	ng		98
29) 2,4-Dichlorophenol	8.04	162	720134	38.02	ng		95
30) 1,2,4-Trichlorobenzene	8.13	180	825506	42.22	ng	#	96
31) Naphthalene	8.21	128	2458077	40.00	ng		97
32) Benzoic acid	7.96	122	523238m	37.36	ng		
33) 4-Chloroaniline	8.26	127	1102929	39.15	ng		99
34) Hexachlorobutadiene	8.34	225	456056	40.58	ng		98
35) Caprolactam	8.64	113	233383	36.55	ng	#	46
36) 4-Chloro-3-methylphenol	8.74	107	843433	39.76	ng		95
37) 2-Methylnaphthalene	8.90	142	1623322	36.80	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	752670	41.99	ng		98
40) Hexachlorocyclopentadiene	9.06	237	467015	43.16	ng		97

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Quant Time: Jan 02 04:18:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	496986	37.06	ng		90
43) 2,4,5-Trichlorophenol	9.22	196	558407	43.43	ng		94
45) 1,1'-Biphenyl	9.37	154	1863513	37.60	ng		98
46) 2-Chloronaphthalene	9.39	162	1431881	36.78	ng		96
47) 2-Nitroaniline	9.48	65	483219	37.61	ng		97
48) Acenaphthylene	9.81	152	2386969	41.51	ng		98
49) Dimethylphthalate	9.68	163	1904157	42.72	ng	#	91
50) 2,6-Dinitrotoluene	9.73	165	441559	45.16	ng		93
51) Acenaphthene	9.98	154	1663979	43.13	ng		98
52) 3-Nitroaniline	9.89	138	434091	35.83	ng		99
53) 2,4-Dinitrophenol	10.00	184	173945	43.47	ng	#	85
54) Dibenzofuran	10.16	168	2137164	42.62	ng		99
55) 4-Nitrophenol	10.05	139	382218	43.46	ng		84
56) 2,4-Dinitrotoluene	10.13	165	588037	47.52	ng	#	82
57) Fluorene	10.50	166	1516366	38.93	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	449598	40.96	ng		91
59) Diethylphthalate	10.37	149	1826751	41.56	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	758293	46.84	ng		99
61) 4-Nitroaniline	10.51	138	438641	40.62	ng		95
62) Azobenzene	10.65	77	2031459	42.14	ng		91
64) 4,6-Dinitro-2-methylphenol	10.53	198	231575	34.55	ng	#	56
65) n-Nitrosodiphenylamine	10.60	169	1309425	37.17	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	518173	43.69	ng	#	93
67) Hexachlorobenzene	11.04	284	501923	37.60	ng	#	77
68) Atrazine	11.13	200	450450	39.07	ng		97
69) Pentachlorophenol	11.23	266	309488	44.72	ng		99
70) Phenanthrene	11.45	178	2359360	40.94	ng		97
71) Anthracene	11.51	178	2295694	40.63	ng		96
72) Carbazole	11.65	167	1995899	36.14	ng		97
73) Di-n-butylphthalate	12.00	149	2635125	44.85	ng	#	95
74) Fluoranthene	12.64	202	2140502	35.55	ng		97
76) Benzidine	12.76	184	1092586	38.84	ng		98
77) Pyrene	12.87	202	2219729	36.05	ng		98
79) Butylbenzylphthalate	13.49	149	1089203	40.88	ng	#	95
80) Benzo(a)anthracene	14.05	228	1740061	37.77	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	656466	40.83	ng	#	96
82) Chrysene	14.09	228	1398929	31.60	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	1272120	37.79	ng		97
84) Di-n-octyl phthalate	14.66	149	1992882	35.07	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1536032	43.77	ng		100
87) Benzo(b)fluoranthene	15.08	252	1679658	43.57	ng	#	95
88) Benzo(k)fluoranthene	15.12	252	1081807m	34.32	ng		
89) Benzo(a)pyrene	15.44	252	1335654	40.85	ng	#	94
90) Dibenzo(a,h)anthracene	16.95	278	1262003	44.86	ng		96
91) Benzo(g,h,i)perylene	17.36	276	1307542	44.88	ng		97

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

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