Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010816\
Data File : BF084339.D
Acq On : 8 Jan 2016 20:29
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/10/2016 9:51:37 AM

Quant Time: Jan 09 04:30:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	341486	20.00	ng		-0.03
21) Naphthalene-d8	8.14	136	1371678	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	678090	20.00	ng		-0.05
63) Phenanthrene-d10	11.39	188	1275522	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	900714	20.00	ng		-0.03
86) Perylene-d12	15.45	264	725714	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1590089	75.32	ng		-0.02
7) Phenol-d6	6.52	99	1936904	73.05	ng		-0.01
23) Nitrobenzene-d5	7.44	82	2000587	81.17	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	498951	72.88	ng		-0.05
44) 2-Fluorobiphenyl	9.23	172	3051804	78.70	ng		-0.03
78) Terphenyl-d14	12.98	244	3143510	77.90	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	390569	39.05	ng	#	75
3) Pyridine	3.17	79	1072148	38.45	ng	#	72
4) n-Nitrosodimethylamine	3.14	42	571984	39.96	ng		79
6) Aniline	6.52	93	1294595	33.38	ng		94
8) 2-Chlorophenol	6.66	128	953196	39.79	ng		90
9) Benzaldehyde	6.41	77	648965	37.59	ng		99
10) Phenol	6.53	94	1142790	37.91	ng		86
11) bis(2-Chloroethyl)ether	6.60	93	929460	39.80	ng		84
12) 1,3-Dichlorobenzene	6.80	146	918999m	37.19	ng		
13) 1,4-Dichlorobenzene	6.88	146	940766	37.97	ng		97
14) 1,2-Dichlorobenzene	7.04	146	956458	40.31	ng		98
15) Benzyl Alcohol	7.01	79	776031	34.79	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1436985	33.79	ng	#	31
17) 2-Methylphenol	7.14	107	793168	39.51	ng	#	89
18) Hexachloroethane	7.37	117	385186	38.87	ng	#	88
19) n-Nitroso-di-n-propylamine	7.29	70	610879	34.03	ng	#	73
20) 3+4-Methylphenols	7.29	107	918670	38.93	ng	#	76
22) Acetophenone	7.28	105	1337178	40.54	ng	#	98
24) Nitrobenzene	7.45	77	902808	36.12	ng		93
25) Isophorone	7.70	82	1912472	40.57	ng		96
26) 2-Nitrophenol	7.77	139	569583	50.07	ng	#	91
27) 2,4-Dimethylphenol	7.81	122	794210	34.49	ng		95
28) bis(2-Chloroethoxy)methane	7.90	93	1193003	41.44	ng		98
29) 2,4-Dichlorophenol	8.02	162	822918	42.90	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	778950	39.33	ng		98
31) Naphthalene	8.17	128	2335985	37.54	ng		98
32) Benzoic acid	7.95	122	328010	25.51	ng		91
33) 4-Chloroaniline	8.22	127	1165979	40.87	ng		99
34) Hexachlorobutadiene	8.29	225	473349	41.58	ng		98
35) Caprolactam	8.62	113	274144	42.39	ng	#	51
36) 4-Chloro-3-methylphenol	8.72	107	879168	40.92	ng		92
37) 2-Methylnaphthalene	8.86	142	1880886	42.10	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	698146	35.81	ng		97
40) Hexachlorocyclopentadiene	9.01	237	341252	29.00	ng		98

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Quant Time: Jan 09 04:30:11 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	9.15	196	561035	38.47	ng		94
43) 2,4,5-Trichlorophenol	9.20	196	587114	41.99	ng		96
45) 1,1'-Biphenyl	9.33	154	2166145	40.19	ng		96
46) 2-Chloronaphthalene	9.36	162	1667225	39.38	ng	#	88
47) 2-Nitroaniline	9.45	65	535146	38.30	ng		98
48) Acenaphthylene	9.77	152	2416366	38.64	ng	#	94
49) Dimethylphthalate	9.64	163	1991337	41.08	ng	#	92
50) 2,6-Dinitrotoluene	9.70	165	491912	46.27	ng		93
51) Acenaphthene	9.94	154	1584295	37.77	ng		97
52) 3-Nitroaniline	9.87	138	572748	43.47	ng		87
53) 2,4-Dinitrophenol	9.96	184	138316	32.74	ng	#	71
54) Dibenzofuran	10.11	168	2073352	37.68	ng	#	89
55) 4-Nitrophenol	10.04	139	334484	34.98	ng	#	76
56) 2,4-Dinitrotoluene	10.10	165	631833	46.95	ng		96
57) Fluorene	10.45	166	1686772	39.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	482087	40.39	ng		89
59) Diethylphthalate	10.33	149	1842512	38.55	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	694261	37.92	ng		89
61) 4-Nitroaniline	10.49	138	515844	43.92	ng		93
62) Azobenzene	10.60	77	1868431	35.64	ng		87
64) 4,6-Dinitro-2-methylphenol	10.51	198	257777	33.31	ng	#	66
65) n-Nitrosodiphenylamine	10.57	169	1420487	34.83	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	484503	35.29	ng	#	78
67) Hexachlorobenzene	11.00	284	606010	39.22	ng		95
68) Atrazine	11.10	200	544143	40.77	ng		93
69) Pentachlorophenol	11.20	266	267924	33.44	ng		98
70) Phenanthrene	11.41	178	2400398	35.98	ng		94
71) Anthracene	11.47	178	2633497	40.27	ng		99
72) Carbazole	11.62	167	2141060	33.49	ng		98
73) Di-n-butylphthalate	11.95	149	2618700	36.67	ng	#	95
74) Fluoranthene	12.60	202	2755463	39.53	ng		94
76) Benzidine	12.72	184	724548	22.44	ng		99
77) Pyrene	12.83	202	2750158	38.91	ng		96
79) Butylbenzylphthalate	13.45	149	1155213	37.77	ng		91
80) Benzo(a)anthracene	14.02	228	1960255	37.06	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	751826	40.73	ng	#	99
82) Chrysene	14.05	228	1862709	36.65	ng		97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1374748	35.58	ng		98
84) Di-n-octyl phthalate	14.63	149	2480749	38.03	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.85	276	1727630	42.88	ng		99
87) Benzo(b)fluoranthene	15.05	252	1985449m	41.82	ng		
88) Benzo(k)fluoranthene	15.07	252	1327440m	34.19	ng		
89) Benzo(a)pyrene	15.39	252	1586857	39.41	ng	#	95
90) Dibenzo(a,h)anthracene	16.88	278	1410811	40.72	ng	#	94
91) Benzo(g,h,i)perylene	17.28	276	1461751	40.74	ng		99

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

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