Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084412.D
Acq On : 12 Jan 2016 13:12
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:33 PM

Quant Time: Jan 13 00:47:39 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	6.84	152	312948	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	1308709	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	583706	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	1069183	20.00	ng		-0.06
75) Chrysene-d12	14.01	240	781685	20.00	ng		-0.06
86) Perylene-d12	15.43	264	614032	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1562419	80.75	ng		-0.04
7) Phenol-d6	6.49	99	1857441	76.44	ng		-0.05
23) Nitrobenzene-d5	7.41	82	1674484	71.21	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	480107	81.47	ng		-0.06
44) 2-Fluorobiphenyl	9.21	172	2530187	75.55	ng		-0.06
78) Terphenyl-d14	12.96	244	2270432	64.83	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	387495	42.28	ng	#	79
3) Pyridine	3.13	79	1164822	45.58	ng	#	76
4) n-Nitrosodimethylamine	3.08	42	465330	35.48	ng		93
6) Aniline	6.51	93	1342064	37.75	ng		91
8) 2-Chlorophenol	6.64	128	881272	40.15	ng		92
9) Benzaldehyde	6.38	77	561313	35.48	ng		93
10) Phenol	6.50	94	954939	34.56	ng	#	72
11) bis(2-Chloroethyl)ether	6.58	93	854208	39.91	ng	#	82
12) 1,3-Dichlorobenzene	6.78	146	932352	41.17	ng		96
13) 1,4-Dichlorobenzene	6.86	146	931008m	41.00	ng		
14) 1,2-Dichlorobenzene	7.01	146	813475	37.41	ng		97
15) Benzyl Alcohol	6.99	79	687470	33.63	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1374694	35.27	ng		86
17) 2-Methylphenol	7.12	107	743117	40.39	ng		96
18) Hexachloroethane	7.36	117	353969	38.98	ng		95
19) n-Nitroso-di-n-propylamine	7.26	70	557445	33.89	ng	#	76
20) 3+4-Methylphenols	7.26	107	760245	35.16	ng	#	66
22) Acetophenone	7.26	105	1189509	37.80	ng	#	92
24) Nitrobenzene	7.44	77	986481	41.36	ng		90
25) Isophorone	7.68	82	1722903	38.31	ng		97
26) 2-Nitrophenol	7.74	139	425811	39.23	ng	#	79
27) 2,4-Dimethylphenol	7.79	122	764556	34.80	ng		94
28) bis(2-Chloroethoxy)methane	7.88	93	999121	36.37	ng		98
29) 2,4-Dichlorophenol	8.00	162	753478	41.17	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	773175	40.92	ng	#	95
31) Naphthalene	8.16	128	2438415	41.07	ng		97
32) Benzoic acid	7.90	122	361118	28.47	ng		96
33) 4-Chloroaniline	8.20	127	1008161	37.04	ng		98
34) Hexachlorobutadiene	8.27	225	393200	36.20	ng		98
35) Caprolactam	8.58	113	245024	39.71	ng	#	50
36) 4-Chloro-3-methylphenol	8.69	107	742068	36.20	ng		95
37) 2-Methylnaphthalene	8.84	142	1479302	34.71	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	725543	43.24	ng		100
40) Hexachlorocyclopentadiene	9.00	237	370118	36.54	ng		99

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Quant Time: Jan 13 00:47:39 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)
42) 2,4,6-Trichlorophenol	9.13	196	497852	39.66	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	501024	41.63	ng		95
45) 1,1'-Biphenyl	9.31	154	1857855	40.05	ng		98
46) 2-Chloronaphthalene	9.33	162	1379017	37.84	ng		95
47) 2-Nitroaniline	9.44	65	540386	44.93	ng	#	71
48) Acenaphthylene	9.74	152	2105376	39.11	ng		96
49) Dimethylphthalate	9.62	163	1755643	42.07	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	378445	41.35	ng	#	67
51) Acenaphthene	9.92	154	1402613	38.84	ng		99
52) 3-Nitroaniline	9.85	138	504089	44.45	ng	#	86
53) 2,4-Dinitrophenol	9.95	184	179002	47.43	ng	#	84
54) Dibenzofuran	10.09	168	1923571	40.85	ng		91
55) 4-Nitrophenol	10.02	139	376648	45.75	ng		89
56) 2,4-Dinitrotoluene	10.08	165	462592	39.94	ng		92
57) Fluorene	10.43	166	1372468	37.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	406295	39.54	ng		92
59) Diethylphthalate	10.32	149	1660973	40.37	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	715058	47.26	ng		94
61) 4-Nitroaniline	10.46	138	477233	47.21	ng	#	78
62) Azobenzene	10.59	77	1888871	41.86	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	279490	42.85	ng		88
65) n-Nitrosodiphenylamine	10.54	169	1328397	38.86	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	488698	42.47	ng		99
67) Hexachlorobenzene	10.98	284	464795	35.88	ng	#	85
68) Atrazine	11.08	200	487660	43.59	ng		95
69) Pentachlorophenol	11.17	266	224548	33.43	ng		97
70) Phenanthrene	11.39	178	2251239	40.25	ng		97
71) Anthracene	11.45	178	2165048	39.49	ng		97
72) Carbazole	11.61	167	2185408	40.78	ng		97
73) Di-n-butylphthalate	11.94	149	2420197	41.68	ng	#	95
74) Fluoranthene	12.58	202	2036063	34.85	ng		96
76) Benzidine	12.71	184	943892	33.68	ng		99
77) Pyrene	12.81	202	2131460	34.75	ng		97
79) Butylbenzylphthalate	13.44	149	1006449	37.92	ng	#	95
80) Benzo(a)anthracene	14.00	228	1621435	35.33	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	586482	36.61	ng	#	96
82) Chrysene	14.03	228	1478217	33.52	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	1131948	33.75	ng	#	96
84) Di-n-octyl phthalate	14.60	149	1827187	32.27	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.83	276	1518596	43.44	ng		96
87) Benzo(b)fluoranthene	15.03	252	1443889	35.95	ng	#	95
88) Benzo(k)fluoranthene	15.05	252	1342640m	40.87	ng		
89) Benzo(a)pyrene	15.37	252	1350087	39.63	ng	#	94
90) Dibenzo(a,h)anthracene	16.84	278	1231198	42.00	ng		98
91) Benzo(g,h,i)perylene	17.24	276	1320748	43.50	ng	#	95

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

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