Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084424.D
Acq On : 12 Jan 2016 21:48
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
1/13/2016 3:29:42 PM

Quant Time: Jan 13 01:33:29 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	294610	20.00	ng		-0.06
21) Naphthalene-d8	8.13	136	1206600	20.00	ng		-0.06
38) Acenaphthene-d10	9.88	164	503071	20.00	ng		-0.07
63) Phenanthrene-d10	11.37	188	878918	20.00	ng		-0.06
75) Chrysene-d12	14.01	240	575630	20.00	ng		-0.06
86) Perylene-d12	15.43	264	545403	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1454983	79.88	ng		-0.04
7) Phenol-d6	6.49	99	1715874	75.01	ng		-0.05
23) Nitrobenzene-d5	7.41	82	1573753	72.59	ng		-0.06
41) 2,4,6-Tribromophenol	10.68	330	387167	76.23	ng		-0.06
44) 2-Fluorobiphenyl	9.21	172	2237610	77.70	ng		-0.06
78) Terphenyl-d14	12.96	244	1941284	75.28	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	375662	43.54	ng	#	80
3) Pyridine	3.14	79	1089330	45.28	ng	#	82
4) n-Nitrosodimethylamine	3.08	42	443524	35.92	ng		90
6) Aniline	6.51	93	1268583	37.91	ng		87
8) 2-Chlorophenol	6.64	128	827433	40.04	ng		91
9) Benzaldehyde	6.38	77	511818	34.36	ng		93
10) Phenol	6.50	94	895133	34.42	ng		76
11) bis(2-Chloroethyl)ether	6.58	93	773346	38.38	ng	#	81
12) 1,3-Dichlorobenzene	6.78	146	874947	41.04	ng		97
13) 1,4-Dichlorobenzene	6.86	146	885133m	41.41	ng		
14) 1,2-Dichlorobenzene	7.01	146	761294	37.19	ng		97
15) Benzyl Alcohol	6.99	79	639455	33.23	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1289943	35.16	ng		86
17) 2-Methylphenol	7.12	107	690081	39.84	ng		97
18) Hexachloroethane	7.36	117	331526	38.78	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	522653	33.75	ng	#	77
20) 3+4-Methylphenols	7.26	107	718258	35.28	ng	#	70
22) Acetophenone	7.25	105	1093265	37.68	ng		96
24) Nitrobenzene	7.44	77	866916	39.43	ng	#	86
25) Isophorone	7.68	82	1592269	38.40	ng		96
26) 2-Nitrophenol	7.74	139	402336	40.20	ng	#	81
27) 2,4-Dimethylphenol	7.79	122	692975	34.21	ng		93
28) bis(2-Chloroethoxy)methane	7.88	93	914898	36.12	ng		99
29) 2,4-Dichlorophenol	8.00	162	687417	40.74	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	708617	40.68	ng	#	95
31) Naphthalene	8.16	128	2257786	41.24	ng		98
32) Benzoic acid	7.92	122	403210	33.16	ng		98
33) 4-Chloroaniline	8.20	127	895563	35.68	ng		97
34) Hexachlorobutadiene	8.27	225	366758	36.63	ng		97
35) Caprolactam	8.58	113	191889	33.73	ng	#	55
36) 4-Chloro-3-methylphenol	8.69	107	704497	37.27	ng		96
37) 2-Methylnaphthalene	8.84	142	1352944	34.43	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	669586	46.30	ng		98
40) Hexachlorocyclopentadiene	9.00	237	345793	39.61	ng		99

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Quant Time: Jan 13 01:33:29 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	436770	40.37	ng		92
43) 2,4,5-Trichlorophenol	9.16	196	436217	42.05	ng	#	81
45) 1,1'-Biphenyl	9.31	154	1769368	44.25	ng		99
46) 2-Chloronaphthalene	9.33	162	1285367	40.93	ng		93
47) 2-Nitroaniline	9.44	65	451113	43.52	ng	#	66
48) Acenaphthylene	9.74	152	1839823	39.65	ng		97
49) Dimethylphthalate	9.62	163	1515011	42.12	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	362077	45.90	ng	#	82
51) Acenaphthene	9.92	154	1240957	39.87	ng		97
52) 3-Nitroaniline	9.85	138	428891	43.88	ng	#	77
53) 2,4-Dinitrophenol	9.95	184	153168	47.11	ng	#	78
54) Dibenzofuran	10.09	168	1646947	40.57	ng		93
55) 4-Nitrophenol	10.02	139	270828	38.17	ng	#	77
56) 2,4-Dinitrotoluene	10.08	165	439622	44.04	ng	#	97
57) Fluorene	10.43	166	1153986	36.58	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	362919	40.98	ng		89
59) Diethylphthalate	10.32	149	1449293	40.87	ng		96
60) 4-Chlorophenyl-phenylether	10.43	204	625301	48.09	ng		90
61) 4-Nitroaniline	10.45	138	321855	36.94	ng		88
62) Azobenzene	10.59	77	1629996	41.91	ng		97
64) 4,6-Dinitro-2-methylphenol	10.49	198	221436	41.25	ng		74
65) n-Nitrosodiphenylamine	10.54	169	1081779	38.50	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	403670	42.67	ng		94
67) Hexachlorobenzene	10.98	284	412477	38.74	ng	#	90
68) Atrazine	11.08	200	345793	37.60	ng		90
69) Pentachlorophenol	11.17	266	191663	34.72	ng		98
70) Phenanthrene	11.39	178	1749775	38.06	ng		96
71) Anthracene	11.45	178	2013080	44.67	ng		98
72) Carbazole	11.61	167	1621934	36.81	ng		97
73) Di-n-butylphthalate	11.94	149	2002568	42.04	ng	#	98
74) Fluoranthene	12.58	202	1642695	34.20	ng		97
76) Benzidine	12.70	184	692558	33.56	ng		99
77) Pyrene	12.81	202	1716195	37.99	ng		98
79) Butylbenzylphthalate	13.44	149	706161	36.13	ng	#	83
80) Benzo(a)anthracene	14.00	228	1230734	36.41	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	488525	41.41	ng	#	96
82) Chrysene	14.03	228	1166170	35.91	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	849986	34.42	ng	#	95
84) Di-n-octyl phthalate	14.60	149	1455099	34.90	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.82	276	1501499	58.32	ng		96
87) Benzo(b)fluoranthene	15.03	252	1316947m	36.91	ng		
88) Benzo(k)fluoranthene	15.05	252	1045927m	35.85	ng		
89) Benzo(a)pyrene	15.37	252	1185570	39.18	ng	#	94
90) Dibenzo(a,h)anthracene	16.84	278	1250255	48.01	ng		97
91) Benzo(g,h,i)perylene	17.24	276	1325030	49.14	ng		97

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

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