Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012016\
Data File : BF084575.D
Acq On : 20 Jan 2016 20:09
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/21/2016 12:20:07 PM

Quant Time: Jan 20 23:00:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	551716	20.00	ng		-0.05
21) Naphthalene-d8	8.08	136	2129064	20.00	ng		-0.05
38) Acenaphthene-d10	9.84	164	1019868	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	1891600	20.00	ng		-0.03
75) Chrysene-d12	13.96	240	1282346	20.00	ng		-0.03
86) Perylene-d12	15.37	264	1144281	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	2775174	81.36	ng		-0.05
7) Phenol-d6	6.45	99	3257140	76.03	ng		-0.02
23) Nitrobenzene-d5	7.37	82	3051634	79.77	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	873332	84.82	ng		-0.03
44) 2-Fluorobiphenyl	9.16	172	3994846	67.61	ng		-0.03
78) Terphenyl-d14	12.91	244	4158533	72.39	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	635829	39.35	ng	#	77
3) Pyridine	3.02	79	1812163	40.22	ng	#	74
4) n-Nitrosodimethylamine	3.00	42	942192	40.74	ng		82
6) Aniline	6.46	93	1919219	30.62	ng	#	1
8) 2-Chlorophenol	6.58	128	1394949	36.05	ng		89
9) Benzaldehyde	6.33	77	555252	19.91	ng		96
10) Phenol	6.46	94	1846633	37.91	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	1407366	37.30	ng		84
12) 1,3-Dichlorobenzene	6.73	146	1585664	39.72	ng	#	95
13) 1,4-Dichlorobenzene	6.81	146	1658876	41.44	ng		95
14) 1,2-Dichlorobenzene	6.97	146	1282920m	33.46	ng		
15) Benzyl Alcohol	6.94	79	1227638	34.07	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2232017	32.48	ng		93
17) 2-Methylphenol	7.07	107	1265261	39.01	ng	#	84
18) Hexachloroethane	7.30	117	645645	40.33	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	1056739	36.44	ng	#	77
20) 3+4-Methylphenols	7.23	107	1512780	39.68	ng		89
22) Acetophenone	7.22	105	2214248	43.25	ng		95
24) Nitrobenzene	7.39	77	1772557	45.68	ng		96
25) Isophorone	7.63	82	3267615	44.66	ng		99
26) 2-Nitrophenol	7.70	139	926648	52.48	ng	#	89
27) 2,4-Dimethylphenol	7.74	122	1481341	41.44	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	1660595	37.16	ng		98
29) 2,4-Dichlorophenol	7.95	162	1320156	44.34	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	1269818	41.31	ng		97
31) Naphthalene	8.10	128	3390175	35.10	ng		95
32) Benzoic acid	7.94	122	1060355	46.36	ng		95
33) 4-Chloroaniline	8.16	127	1510987	34.12	ng		96
34) Hexachlorobutadiene	8.21	225	685531	38.80	ng		97
35) Caprolactam	8.59	113	355298	35.40	ng	#	55
36) 4-Chloro-3-methylphenol	8.66	107	1476670	44.28	ng		98
37) 2-Methylnaphthalene	8.78	142	2783921	40.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	1037116	35.37	ng		98
40) Hexachlorocyclopentadiene	8.94	237	718047	40.57	ng		97

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Quant Time: Jan 20 23:00:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	915540	41.74	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	826665	39.31	ng	#	89
45) 1,1'-Biphenyl	9.26	154	3085962	38.07	ng		95
46) 2-Chloronaphthalene	9.29	162	2513674	39.48	ng		94
47) 2-Nitroaniline	9.39	65	904756	43.06	ng		94
48) Acenaphthylene	9.70	152	3223444	34.27	ng	#	93
49) Dimethylphthalate	9.58	163	3016920	41.38	ng	#	90
50) 2,6-Dinitrotoluene	9.64	165	702886	43.95	ng	#	66
51) Acenaphthene	9.87	154	2071910m	32.84	ng		
52) 3-Nitroaniline	9.81	138	781555	39.44	ng		91
53) 2,4-Dinitrophenol	9.92	184	450079	66.69	ng	#	88
54) Dibenzofuran	10.04	168	2906388	34.90	ng	#	89
55) 4-Nitrophenol	9.98	139	601728	41.84	ng	#	82
56) 2,4-Dinitrotoluene	10.04	165	789241	39.00	ng	#	63
57) Fluorene	10.38	166	2258640	35.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	644333	35.89	ng		95
59) Diethylphthalate	10.28	149	2914584	40.54	ng		95
60) 4-Chlorophenyl-phenylether	10.38	204	1216203	45.75	ng		93
61) 4-Nitroaniline	10.44	138	633403	35.86	ng		93
62) Azobenzene	10.54	77	3305236	41.92	ng		94
64) 4,6-Dinitro-2-methylphenol	10.46	198	581327	51.07	ng	#	62
65) n-Nitrosodiphenylamine	10.51	169	2330005	38.53	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	863474	42.41	ng		98
67) Hexachlorobenzene	10.93	284	816366	35.63	ng	#	85
68) Atrazine	11.05	200	689776	34.85	ng		93
69) Pentachlorophenol	11.13	266	523883	44.09	ng		98
70) Phenanthrene	11.34	178	3705599	37.45	ng		94
71) Anthracene	11.40	178	3342746	34.46	ng		94
72) Carbazole	11.56	167	3489402	36.80	ng		96
73) Di-n-butylphthalate	11.89	149	4044962	38.67	ng	#	93
74) Fluoranthene	12.53	202	3467061	33.54	ng		96
77) Pyrene	12.76	202	3500438	34.79	ng		94
79) Butylbenzylphthalate	13.39	149	1917784	44.04	ng	#	96
80) Benzo(a)anthracene	13.95	228	2863808	38.03	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	923550	35.14	ng		99
82) Chrysene	14.00	228	2845337	39.32	ng		95
83) Bis(2-ethylhexyl)phthalate	13.95	149	2037972	37.04	ng	#	95
84) Di-n-octyl phthalate	14.57	149	3696204	39.80	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.75	276	2903300	50.62	ng		100
87) Benzo(b)fluoranthene	14.98	252	3149237m	42.07	ng		
88) Benzo(k)fluoranthene	15.00	252	1883318m	30.76	ng		
89) Benzo(a)pyrene	15.32	252	2496043	39.31	ng		97
90) Dibenzo(a,h)anthracene	16.77	278	2281419	41.76	ng		96
91) Benzo(g,h,i)perylene	17.17	276	2493598	44.07	ng		98

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

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