Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052416\
Data File : BF087345.D
Acq On : 24 May 2016 19:12
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 25 00:50:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 01:40:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	172943	20.00	ng		-0.05
21) Naphthalene-d8	9.60	136	722898	20.00	ng		-0.05
38) Acenaphthene-d10	12.42	164	337711	20.00	ng		-0.06
63) Phenanthrene-d10	14.82	188	641869	20.00	ng		-0.06
75) Chrysene-d12	18.51	240	473986	20.00	ng		-0.05
86) Perylene-d12	20.18	264	369040	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	856709	87.04	ng		-0.06
7) Phenol-d6	7.11	99	1121220	84.31	ng		-0.06
23) Nitrobenzene-d5	8.49	82	1187628	82.80	ng		-0.05
41) 2,4,6-Tribromophenol	13.73	330	273382	84.24	ng		-0.06
44) 2-Fluorobiphenyl	11.38	172	1863095	77.78	ng		-0.05
78) Terphenyl-d14	17.18	244	1864028	83.61	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	195217	37.59	ng	#	71
3) Pyridine	2.46	79	508878	44.82	ng	#	61
4) n-Nitrosodimethylamine	2.44	42	391644	44.77	ng	#	49
6) Aniline	7.06	93	735350	42.74	ng		94
8) 2-Chlorophenol	7.24	128	492973	40.16	ng		93
9) Benzaldehyde	6.88	77	282508	38.48	ng		98
10) Phenol	7.13	94	547313	37.69	ng		82
11) bis(2-Chloroethyl)ether	7.21	93	470413	40.02	ng		88
12) 1,3-Dichlorobenzene	7.46	146	522294	39.01	ng	#	94
13) 1,4-Dichlorobenzene	7.59	146	534583m	38.90	ng		
14) 1,2-Dichlorobenzene	7.83	146	503440	39.60	ng		98
15) Benzyl Alcohol	7.86	79	432323	44.59	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.04	45	1021646	38.63	ng		85
17) 2-Methylphenol	8.07	107	399236	40.59	ng	#	82
18) Hexachloroethane	8.34	117	200128	39.03	ng		91
19) n-Nitroso-di-n-propylamine	8.28	70	414599	41.80	ng	#	68
20) 3+4-Methylphenols	8.33	107	522018	43.90	ng	#	60
22) Acetophenone	8.25	105	712699	41.27	ng	#	96
24) Nitrobenzene	8.51	77	592194	39.11	ng		97
25) Isophorone	8.91	82	1043406	40.56	ng		98
26) 2-Nitrophenol	9.02	139	267738	43.26	ng	#	76
27) 2,4-Dimethylphenol	9.15	122	434248	40.42	ng	#	86
28) bis(2-Chloroethoxy)methane	9.29	93	586699	40.49	ng		99
29) 2,4-Dichlorophenol	9.43	162	400754	41.39	ng		97
30) 1,2,4-Trichlorobenzene	9.52	180	434541	39.20	ng		97
31) Naphthalene	9.63	128	1461650	40.35	ng		100
32) Benzoic acid	9.46	122	124933	25.67	ng	#	79
33) 4-Chloroaniline	9.77	127	570910	42.79	ng	#	94
34) Hexachlorobutadiene	9.84	225	258585	38.38	ng		99
35) Caprolactam	10.43	113	129342	45.77	ng	#	65
36) 4-Chloro-3-methylphenol	10.64	107	470132	42.95	ng		98
37) 2-Methylnaphthalene	10.75	142	879589	38.87	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	11.03	216	406939	37.64	ng		98
40) Hexachlorocyclopentadiene	11.01	237	116335	32.52	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.26	196	266057	42.64	ng		92
43) 2,4,5-Trichlorophenol	11.33	196	272808	42.93	ng	#	85
45) 1,1'-Biphenyl	11.53	154	1128323	39.68	ng		98
46) 2-Chloronaphthalene	11.54	162	835068	38.39	ng		94
47) 2-Nitroaniline	11.76	65	349161	44.55	ng	#	81
48) Acenaphthylene	12.19	152	1375269	39.93	ng		99
49) Dimethylphthalate	12.09	163	1085440	40.12	ng		99
50) 2,6-Dinitrotoluene	12.18	165	227856	41.80	ng	#	89
51) Acenaphthene	12.48	154	835488	39.47	ng		98
52) 3-Nitroaniline	12.45	138	252080	45.06	ng		94
53) 2,4-Dinitrophenol	12.65	184	55168	24.70	ng	#	79
54) Dibenzofuran	12.77	168	1112031	38.80	ng		94
55) 4-Nitrophenol	12.81	139	125471	47.02	ng	#	53
56) 2,4-Dinitrotoluene	12.83	165	305045	41.87	ng		93
57) Fluorene	13.33	166	1001600	40.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.01	232	203149	41.56	ng		98
59) Diethylphthalate	13.23	149	1065406	40.51	ng		98
60) 4-Chlorophenyl-phenylether	13.35	204	466574	38.50	ng		95
61) 4-Nitroaniline	13.45	138	229015	43.86	ng	#	68
62) Azobenzene	13.61	77	1159070	42.48	ng		87
64) 4,6-Dinitro-2-methylphenol	13.50	198	128193	31.41	ng	#	55
65) n-Nitrosodiphenylamine	13.57	169	801901	38.63	ng		99
66) 4-Bromophenyl-phenylether	14.14	248	273583	38.96	ng		91
67) Hexachlorobenzene	14.21	284	287968	39.21	ng	#	78
68) Atrazine	14.48	200	248110	37.50	ng		93
69) Pentachlorophenol	14.56	266	82741	39.63	ng		98
70) Phenanthrene	14.87	178	1383636	38.92	ng		100
71) Anthracene	14.95	178	1401293	39.01	ng		100
72) Carbazole	15.23	167	1218540	39.78	ng		99
73) Di-n-butylphthalate	15.82	149	1607369	40.57	ng		99
74) Fluoranthene	16.62	202	1389111	38.96	ng		97
76) Benzidine	16.85	184	497132	40.76	ng		97
77) Pyrene	16.93	202	1446426	42.39	ng		100
79) Butylbenzylphthalate	17.84	149	661636	43.73	ng		91
80) Benzo(a)anthracene	18.50	228	1083654	40.19	ng		99
81) 3,3'-Dichlorobenzidine	18.49	252	591456	39.71	ng		99
82) Chrysene	18.55	228	1058331	39.55	ng		99
83) Bis(2-ethylhexyl)phthalate	18.57	149	899133	40.73	ng	#	94
84) Di-n-octyl phthalate	19.35	149	1285809	38.19	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.43	276	870468	40.58	ng		95
87) Benzo(b)fluoranthene	19.77	252	1040225	44.25	ng		97
88) Benzo(k)fluoranthene	19.81	252	699387m	34.57	ng		
89) Benzo(a)pyrene	20.13	252	806497	39.67	ng		98
90) Dibenzo(a,h)anthracene	21.43	278	731781	42.20	ng		95
91) Benzo(g,h,i)perylene	21.78	276	737985	43.13	ng	#	89

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

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