Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087252.D
Acq On : 21 May 2016 5:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 21 05:41:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	146248	20.00	ng		-0.05
21) Naphthalene-d8	7.85	136	629761	20.00	ng		-0.05
38) Acenaphthene-d10	9.59	164	286866	20.00	ng		-0.06
63) Phenanthrene-d10	11.07	188	527743	20.00	ng		-0.05
75) Chrysene-d12	13.69	240	338789	20.00	ng		-0.07
86) Perylene-d12	15.04	264	291930	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	692074	79.54	ng		-0.07
7) Phenol-d6	6.23	99	807611	69.21	ng		-0.06
23) Nitrobenzene-d5	7.14	82	950359	75.21	ng		-0.05
41) 2,4,6-Tribromophenol	10.39	330	220243	69.48	ng		-0.06
44) 2-Fluorobiphenyl	8.92	172	1276560	73.70	ng		-0.06
78) Terphenyl-d14	12.65	244	1386515	92.58	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	174372	38.96	ng	#	77
3) Pyridine	2.58	79	371718	34.33	ng	#	67
4) n-Nitrosodimethylamine	2.55	42	310551	40.48	ng	#	48
6) Aniline	6.23	93	566313	38.20	ng		93
8) 2-Chlorophenol	6.34	128	409372	38.67	ng	#	82
9) Benzaldehyde	6.10	77	237316	37.18	ng		91
10) Phenol	6.24	94	537843	36.66	ng	#	65
11) bis(2-Chloroethyl)ether	6.31	93	431147	39.14	ng		90
12) 1,3-Dichlorobenzene	6.49	146	429624m	38.18	ng		
13) 1,4-Dichlorobenzene	6.57	146	443429m	38.51	ng		
14) 1,2-Dichlorobenzene	6.73	146	400057	39.69	ng		98
15) Benzyl Alcohol	6.73	79	343339	39.52	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.84	45	872377	38.53	ng		83
17) 2-Methylphenol	6.86	107	328298	37.76	ng	#	81
18) Hexachloroethane	7.06	117	175897	39.96	ng		96
19) n-Nitroso-di-n-propylamine	6.99	70	296151	33.38	ng	#	67
20) 3+4-Methylphenols	7.02	107	457605	39.90	ng	#	58
22) Acetophenone	6.99	105	626591	40.66	ng	#	92
24) Nitrobenzene	7.15	77	476151	34.51	ng		92
25) Isophorone	7.40	82	898363	38.84	ng		96
26) 2-Nitrophenol	7.47	139	227003	39.72	ng	#	72
27) 2,4-Dimethylphenol	7.53	122	358219	36.73	ng		87
28) bis(2-Chloroethoxy)methane	7.62	93	478512	37.68	ng		99
29) 2,4-Dichlorophenol	7.72	162	353949	41.18	ng		96
30) 1,2,4-Trichlorobenzene	7.79	180	373859	39.20	ng		97
31) Naphthalene	7.87	128	1201437	39.04	ng		100
32) Benzoic acid	7.71	122	198508	34.14	ng	#	82
33) 4-Chloroaniline	7.94	127	455417	35.61	ng		99
34) Hexachlorobutadiene	7.99	225	227537	42.04	ng		98
35) Caprolactam	8.33	113	101180	35.35	ng	#	51
36) 4-Chloro-3-methylphenol	8.44	107	379658	36.62	ng		97
37) 2-Methylnaphthalene	8.56	142	736105	37.40	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	358457	42.78	ng		99
40) Hexachlorocyclopentadiene	8.71	237	91813	33.44	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	206302	37.97	ng		91
43) 2,4,5-Trichlorophenol	8.90	196	207050	36.68	ng		94
45) 1,1'-Biphenyl	9.03	154	1043953	43.89	ng		99
46) 2-Chloronaphthalene	9.05	162	748573	40.99	ng		99
47) 2-Nitroaniline	9.16	65	272637	38.96	ng		95
48) Acenaphthylene	9.45	152	1015359	36.41	ng		98
49) Dimethylphthalate	9.34	163	841407	38.45	ng		99
50) 2,6-Dinitrotoluene	9.40	165	192817	40.58	ng	#	88
51) Acenaphthene	9.62	154	638536	36.65	ng		99
52) 3-Nitroaniline	9.58	138	205756	40.00	ng		89
53) 2,4-Dinitrophenol	9.69	184	89998	35.84	ng	#	72
54) Dibenzofuran	9.79	168	855875	37.99	ng	#	89
55) 4-Nitrophenol	9.77	139	66971m	30.80	ng		
56) 2,4-Dinitrotoluene	9.82	165	244022	40.10	ng	#	67
57) Fluorene	10.14	166	632442	34.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	179285	40.78	ng		95
59) Diethylphthalate	10.03	149	881000	42.17	ng		97
60) 4-Chlorophenyl-phenylether	10.14	204	379135	44.19	ng		89
61) 4-Nitroaniline	10.19	138	195341	38.46	ng	#	71
62) Azobenzene	10.30	77	984999	40.92	ng		88
64) 4,6-Dinitro-2-methylphenol	10.23	198	127850	36.78	ng		90
65) n-Nitrosodiphenylamine	10.26	169	666711	40.14	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	210647	38.81	ng		91
67) Hexachlorobenzene	10.68	284	235204	37.38	ng	#	78
68) Atrazine	10.80	200	217130	40.08	ng		94
69) Pentachlorophenol	10.89	266	80916	34.23	ng		95
70) Phenanthrene	11.10	178	1145772	40.03	ng		100
71) Anthracene	11.14	178	1057898	36.54	ng		100
72) Carbazole	11.31	167	1039767	39.32	ng		100
73) Di-n-butylphthalate	11.65	149	1360104	44.78	ng		99
74) Fluoranthene	12.27	202	1090968	38.04	ng		96
76) Benzidine	12.41	184	427780	48.34	ng		97
77) Pyrene	12.50	202	1124157	45.93	ng		100
79) Butylbenzylphthalate	13.13	149	523726	50.69	ng		94
80) Benzo(a)anthracene	13.68	228	773962	39.51	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	530985	42.60	ng		98
82) Chrysene	13.73	228	845949	44.63	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	631732	50.24	ng	#	99
84) Di-n-octyl phthalate	14.30	149	1007764	46.52	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.27	276	697040	41.90	ng		95
87) Benzo(b)fluoranthene	14.69	252	697068m	35.99	ng		
88) Benzo(k)fluoranthene	14.71	252	594454m	41.23	ng		
89) Benzo(a)pyrene	14.99	252	623860	38.54	ng		100
90) Dibenzo(a,h)anthracene	16.27	278	584069	42.85	ng		95
91) Benzo(g,h,i)perylene	16.63	276	590370	42.88	ng		96

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

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