Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
Data File : BF086874.D
Acq On : 10 May 2016 22:06
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/11/2016 8:17:35 PM

Quant Time: May 11 05:32:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	194412	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	746989	20.00	ng		-0.01
38) Acenaphthene-d10	9.72	164	309233	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	484415	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	341821	20.00	ng		-0.01
86) Perylene-d12	15.20	264	344681	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	869918	75.78	ng		-0.01
7) Phenol-d6	6.35	99	1012330	65.98	ng		-0.01
23) Nitrobenzene-d5	7.26	82	1105340	74.30	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	196488	60.02	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1634226	88.82	ng		0.00
78) Terphenyl-d14	12.78	244	1292299	80.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	207244	36.77	ng	#	68
3) Pyridine	2.84	79	571097	41.45	ng	#	65
4) n-Nitrosodimethylamine	2.81	42	415584	41.60	ng	#	51
6) Aniline	6.35	93	605512	32.63	ng	#	85
8) 2-Chlorophenol	6.48	128	498311	35.97	ng		86
9) Benzaldehyde	6.24	77	340115	38.28	ng		97
10) Phenol	6.36	94	535334	29.36	ng	#	37
11) bis(2-Chloroethyl)ether	6.43	93	520498m	36.61	ng		
12) 1,3-Dichlorobenzene	6.62	146	571755m	38.14	ng		
13) 1,4-Dichlorobenzene	6.70	146	584672	38.25	ng		95
14) 1,2-Dichlorobenzene	6.86	146	465974	34.97	ng		93
15) Benzyl Alcohol	6.85	79	400463	37.80	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1167627	37.77	ng		86
17) 2-Methylphenol	6.97	107	365758	33.18	ng	#	73
18) Hexachloroethane	7.20	117	223373	38.84	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	380296	35.47	ng	#	63
20) 3+4-Methylphenols	7.13	107	470451	32.68	ng	#	63
22) Acetophenone	7.10	105	709764	40.23	ng	#	93
24) Nitrobenzene	7.29	77	632904	41.36	ng		90
25) Isophorone	7.53	82	1047589	37.95	ng		95
26) 2-Nitrophenol	7.60	139	252940	37.60	ng	#	72
27) 2,4-Dimethylphenol	7.65	122	413303	36.07	ng		90
28) bis(2-Chloroethoxy)methane	7.73	93	554889	37.27	ng	#	98
29) 2,4-Dichlorophenol	7.85	162	363647	36.06	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	426040	37.78	ng		96
31) Naphthalene	8.00	128	1321410	35.32	ng		98
32) Benzoic acid	7.80	122	199334	29.62	ng		92
33) 4-Chloroaniline	8.06	127	447214	30.76	ng		98
34) Hexachlorobutadiene	8.11	225	248553	37.99	ng		98
35) Caprolactam	8.45	113	116884	34.06	ng	#	82
36) 4-Chloro-3-methylphenol	8.56	107	360113	29.44	ng		93
37) 2-Methylnaphthalene	8.68	142	807948	36.94	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	379118	42.17	ng		96
40) Hexachlorocyclopentadiene	8.84	237	176927	41.46	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	226805	37.72	ng		92
43) 2,4,5-Trichlorophenol	9.02	196	207150	33.32	ng		95
45) 1,1'-Biphenyl	9.15	154	944989	38.42	ng		96
46) 2-Chloronaphthalene	9.17	162	734076	38.09	ng		93
47) 2-Nitroaniline	9.29	65	246590	35.01	ng		96
48) Acenaphthylene	9.58	152	1036369	36.56	ng		99
49) Dimethylphthalate	9.46	163	829334	35.15	ng		99
50) 2,6-Dinitrotoluene	9.53	165	198614	40.00	ng	#	83
51) Acenaphthene	9.76	154	677287	38.41	ng		99
52) 3-Nitroaniline	9.70	138	163279	31.24	ng		93
53) 2,4-Dinitrophenol	9.80	184	55153	27.34	ng	#	80
54) Dibenzofuran	9.93	168	819106	36.19	ng		95
55) 4-Nitrophenol	9.88	139	81274	26.55	ng	#	73
56) 2,4-Dinitrotoluene	9.93	165	220325	35.86	ng	#	88
57) Fluorene	10.27	166	739416	38.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	159797	34.14	ng		97
59) Diethylphthalate	10.16	149	830491	36.12	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	338817	39.02	ng	#	77
61) 4-Nitroaniline	10.30	138	145122	28.91	ng	#	70
62) Azobenzene	10.42	77	855013	34.47	ng		82
64) 4,6-Dinitro-2-methylphenol	10.34	198	96663	32.12	ng		91
65) n-Nitrosodiphenylamine	10.38	169	556825	37.42	ng		100
66) 4-Bromophenyl-phenylether	10.75	248	202007	41.13	ng		98
67) Hexachlorobenzene	10.82	284	251068	43.74	ng	#	94
68) Atrazine	10.92	200	198083	39.84	ng		95
69) Pentachlorophenol	11.01	266	99187	37.39	ng		96
70) Phenanthrene	11.23	178	973398	37.65	ng		99
71) Anthracene	11.28	178	1006548	38.07	ng		100
72) Carbazole	11.44	167	788003	34.67	ng		99
73) Di-n-butylphthalate	11.77	149	1083489	39.04	ng	#	98
74) Fluoranthene	12.41	202	992997	37.35	ng		95
76) Benzidine	12.54	184	25899	2.97	ng		98
77) Pyrene	12.64	202	1006440	38.46	ng		99
79) Butylbenzylphthalate	13.25	149	448265	40.50	ng	#	61
80) Benzo(a)anthracene	13.81	228	768367	40.04	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	430337	35.30	ng	#	96
82) Chrysene	13.86	228	843524	43.21	ng		100
83) Bis(2-ethylhexyl)phthalate	13.81	149	584346	43.89	ng	#	94
84) Di-n-octyl phthalate	14.43	149	1073786	48.68	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.49	276	754609	46.46	ng		95
87) Benzo(b)fluoranthene	14.82	252	741864m	33.12	ng		
88) Benzo(k)fluoranthene	14.85	252	826916m	45.08	ng		
89) Benzo(a)pyrene	15.15	252	740117	38.31	ng	#	97
90) Dibenzo(a,h)anthracene	16.50	278	618407	37.98	ng		98
91) Benzo(g,h,i)perylene	16.88	276	622330	37.61	ng	#	93

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

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