Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088896.D
Acq On : 10 Jul 2016 3:50
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
sohil
7/11/2016 7:16:54 PM

Quant Time: Jul 11 07:17:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	91539	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	385822	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	178461	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	323692	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	172158	20.00	ng		-0.01
86) Perylene-d12	15.23	264	190720	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	496476	81.28	ng		-0.01
7) Phenol-d6	6.36	99	611436	77.47	ng		-0.01
23) Nitrobenzene-d5	7.29	82	554954	75.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	145599	87.86	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	1016585	89.98	ng		0.00
78) Terphenyl-d14	12.82	244	807530	104.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	99656	32.91	ng	#	35
3) Pyridine	2.88	79	281593	32.05	ng		92
4) n-Nitrosodimethylamine	2.84	42	108344	32.27	ng		92
6) Aniline	6.39	93	396018	34.43	ng	#	49
8) 2-Chlorophenol	6.51	128	268301	40.87	ng		85
9) Benzaldehyde	6.26	77	165752	31.01	ng		87
10) Phenol	6.39	94	332069	36.87	ng	#	49
11) bis(2-Chloroethyl)ether	6.47	93	268854	40.03	ng		87
12) 1,3-Dichlorobenzene	6.66	146	272567	37.73	ng		98
13) 1,4-Dichlorobenzene	6.74	146	299525	41.77	ng		98
14) 1,2-Dichlorobenzene	6.90	146	258424	38.51	ng		97
15) Benzyl Alcohol	6.87	79	222319	38.27	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	307878	31.65	ng		85
17) 2-Methylphenol	6.99	107	205274	38.33	ng		96
18) Hexachloroethane	7.23	117	105741	38.13	ng	#	82
19) n-Nitroso-di-n-propylamine	7.15	70	172017	32.45	ng		91
20) 3+4-Methylphenols	7.15	107	277139	43.12	ng	#	77
22) Acetophenone	7.14	105	359626	38.40	ng	#	90
24) Nitrobenzene	7.31	77	288341	38.84	ng	#	85
25) Isophorone	7.55	82	503890	36.95	ng		95
26) 2-Nitrophenol	7.63	139	132481	43.52	ng	#	74
27) 2,4-Dimethylphenol	7.68	122	258758	40.81	ng		89
28) bis(2-Chloroethoxy)methane	7.77	93	319647	36.02	ng	#	96
29) 2,4-Dichlorophenol	7.87	162	210134	41.01	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	222998	39.66	ng		97
31) Naphthalene	8.03	128	754695	39.68	ng		99
32) Benzoic acid	7.80	122	103050	22.39	ng		93
33) 4-Chloroaniline	8.09	127	342939	40.52	ng	#	91
34) Hexachlorobutadiene	8.16	225	138462	45.99	ng		98
35) Caprolactam	8.47	113	67174	38.60	ng	#	87
36) 4-Chloro-3-methylphenol	8.57	107	229264	37.84	ng		88
37) 2-Methylnaphthalene	8.72	142	459145	37.49	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	248227	41.82	ng	#	1
40) Hexachlorocyclopentadiene	8.88	237	76337	26.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	159922	40.86	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	133149	39.54	ng	#	81
45) 1,1'-Biphenyl	9.19	154	576442	39.01	ng		98
46) 2-Chloronaphthalene	9.21	162	466482	40.21	ng		97
47) 2-Nitroaniline	9.30	65	156036	37.90	ng		98
48) Acenaphthylene	9.62	152	708726	38.39	ng		99
49) Dimethylphthalate	9.50	163	518030	40.74	ng		99
50) 2,6-Dinitrotoluene	9.55	165	123462	43.81	ng	#	63
51) Acenaphthene	9.79	154	406978	35.97	ng		98
52) 3-Nitroaniline	9.72	138	156577	43.71	ng	#	77
53) 2,4-Dinitrophenol	9.82	184	16761	13.47	ng	#	80
54) Dibenzofuran	9.96	168	605484	40.88	ng	#	88
55) 4-Nitrophenol	9.88	139	95980	35.26	ng	#	86
56) 2,4-Dinitrotoluene	9.95	165	162426	44.09	ng	#	61
57) Fluorene	10.31	166	511168	44.79	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	97728	37.51	ng	#	53
59) Diethylphthalate	10.19	149	586965	46.00	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	212416	40.06	ng	#	83
61) 4-Nitroaniline	10.33	138	143415	41.60	ng		85
62) Azobenzene	10.46	77	540607	37.14	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	32591	18.82	ng		80
65) n-Nitrosodiphenylamine	10.42	169	466469	42.58	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	140133	42.96	ng	#	84
67) Hexachlorobenzene	10.86	284	167746	46.46	ng	#	77
68) Atrazine	10.95	200	132811	38.91	ng		91
69) Pentachlorophenol	11.04	266	62581	29.28	ng		96
70) Phenanthrene	11.26	178	645747	36.49	ng		100
71) Anthracene	11.31	178	746753	42.44	ng		99
72) Carbazole	11.46	167	588373	35.53	ng		99
73) Di-n-butylphthalate	11.81	149	765482	39.74	ng		99
74) Fluoranthene	12.45	202	675291	37.65	ng		93
76) Benzidine	12.56	184	261613	30.06	ng		100
77) Pyrene	12.66	202	592482	40.59	ng		100
79) Butylbenzylphthalate	13.29	149	279073	42.86	ng	#	73
80) Benzo(a)anthracene	13.85	228	424666	38.31	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	161697	38.80	ng	#	96
82) Chrysene	13.89	228	404376	36.87	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	361254	48.60	ng	#	98
84) Di-n-octyl phthalate	14.47	149	556379	44.06	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	500689	59.34	ng	#	100
87) Benzo(b)fluoranthene	14.86	252	456238m	38.13	ng		
88) Benzo(k)fluoranthene	14.88	252	343076m	32.94	ng		
89) Benzo(a)pyrene	15.18	252	400427	39.53	ng		99
90) Dibenzo(a,h)anthracene	16.56	278	431081	50.96	ng	#	93
91) Benzo(g,h,i)perylene	16.93	276	443712	50.69	ng		98

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

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