Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
Data File : BF090948.D
Acq On : 1 Nov 2016 14:05
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Umangi
11/2/2016 5:41:34 PM

Quant Time: Nov 02 11:34:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	244658	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	1063101	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	526010	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	917023	20.00	ng		0.00
75) Chrysene-d12	13.91	240	724709	20.00	ng		0.00
86) Perylene-d12	15.30	264	524352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1233203	88.13	ng		0.00
7) Phenol-d6	6.38	99	1575138	83.44	ng		-0.01
23) Nitrobenzene-d5	7.31	82	1446932	89.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	406442	75.19	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2365857	78.98	ng		-0.01
78) Terphenyl-d14	12.85	244	2431692	84.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	342293	47.85	ng	#	83
3) Pyridine	2.93	79	801827	41.32	ng	#	77
4) n-Nitrosodimethylamine	2.90	42	286221m	52.39	ng		
6) Aniline	6.41	93	938968	43.54	ng	#	31
8) 2-Chlorophenol	6.52	128	667872	38.69	ng		83
9) Benzaldehyde	6.28	77	431304	44.23	ng	#	72
10) Phenol	6.41	94	868811	41.76	ng	#	32
11) bis(2-Chloroethyl)ether	6.49	93	731697	42.51	ng		90
12) 1,3-Dichlorobenzene	6.68	146	733713	41.55	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	718173	38.68	ng	#	94
14) 1,2-Dichlorobenzene	6.91	146	663217m	37.26	ng		
15) Benzyl Alcohol	6.89	79	546471	44.07	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.02	45	955591m	55.79	ng		
17) 2-Methylphenol	7.01	107	563912	42.94	ng	#	80
18) Hexachloroethane	7.25	117	286037	42.33	ng	#	83
19) n-Nitroso-di-n-propylamine	7.17	70	526373m	48.23	ng		
20) 3+4-Methylphenols	7.17	107	685284	45.08	ng	#	88
22) Acetophenone	7.16	105	897235	41.02	ng	#	84
24) Nitrobenzene	7.33	77	834394m	48.58	ng		
25) Isophorone	7.57	82	1390162	42.18	ng	#	86
26) 2-Nitrophenol	7.65	139	365465	39.72	ng	#	87
27) 2,4-Dimethylphenol	7.70	122	644504	43.26	ng	#	83
28) bis(2-Chloroethoxy)methane	7.79	93	858560	45.81	ng	#	94
29) 2,4-Dichlorophenol	7.89	162	522084	37.85	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	594015	37.26	ng		97
31) Naphthalene	8.05	128	1974776	39.74	ng		96
32) Benzoic acid	7.86	122	454375	42.01	ng	#	58
33) 4-Chloroaniline	8.11	127	828266	41.25	ng	#	95
34) Hexachlorobutadiene	8.17	225	307132	32.77	ng		98
35) Caprolactam	8.50	113	177056	41.35	ng		87
36) 4-Chloro-3-methylphenol	8.60	107	651574	43.43	ng		89
37) 2-Methylnaphthalene	8.74	142	1140032	35.52	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	597916	41.43	ng		99
40) Hexachlorocyclopentadiene	8.90	237	255787	38.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	379334	40.72	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	394796	41.15	ng		96
45) 1,1'-Biphenyl	9.21	154	1483930	39.17	ng		91
46) 2-Chloronaphthalene	9.23	162	1156586	40.13	ng	#	88
47) 2-Nitroaniline	9.33	65	486401	59.81	ng	#	77
48) Acenaphthylene	9.64	152	1665897	38.17	ng		95
49) Dimethylphthalate	9.52	163	1266803	36.05	ng	#	97
50) 2,6-Dinitrotoluene	9.57	165	290792	37.47	ng	#	40
51) Acenaphthene	9.81	154	1155603	38.45	ng		88
52) 3-Nitroaniline	9.74	138	331692	40.14	ng	#	55
53) 2,4-Dinitrophenol	9.86	184	160075	39.18	ng	#	87
54) Dibenzofuran	9.98	168	1406017	36.25	ng	#	83
55) 4-Nitrophenol	9.92	139	228003	45.25	ng	#	40
56) 2,4-Dinitrotoluene	9.98	165	429071	44.50	ng	#	86
57) Fluorene	10.33	166	1125643	35.43	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.11	232	330552	38.58	ng		95
59) Diethylphthalate	10.21	149	1419154	40.66	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	606736	39.12	ng		95
61) 4-Nitroaniline	10.36	138	359639	43.95	ng	#	46
62) Azobenzene	10.49	77	1609707	46.89	ng		90
64) 4,6-Dinitro-2-methylphenol	10.40	198	235292	38.70	ng	#	64
65) n-Nitrosodiphenylamine	10.44	169	1064736	37.90	ng		91
66) 4-Bromophenyl-phenylether	10.81	248	335193	33.38	ng	#	83
67) Hexachlorobenzene	10.88	284	403131	33.92	ng	#	91
68) Atrazine	10.98	200	313876	36.12	ng		85
69) Pentachlorophenol	11.07	266	208394	32.68	ng		98
70) Phenanthrene	11.29	178	1717325m	36.77	ng		
71) Anthracene	11.34	178	1939808	39.45	ng		96
72) Carbazole	11.49	167	1593900	36.71	ng	#	92
73) Di-n-butylphthalate	11.84	149	2223147	39.71	ng	#	98
74) Fluoranthene	12.48	202	2000200	39.11	ng		88
76) Benzidine	12.60	184	694161	43.87	ng		98
77) Pyrene	12.70	202	1998970	43.59	ng	#	95
79) Butylbenzylphthalate	13.32	149	871338	41.87	ng	#	76
80) Benzo(a)anthracene	13.88	228	1592104	41.39	ng		94
81) 3,3'-Dichlorobenzidine	13.86	252	643163	43.08	ng	#	93
82) Chrysene	13.93	228	1609958m	41.38	ng		
83) Bis(2-ethylhexyl)phthalate	13.89	149	1227063	45.28	ng		98
84) Di-n-octyl phthalate	14.50	149	1970186	43.30	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.64	276	1202123	34.87	ng	#	95
87) Benzo(b)fluoranthene	14.90	252	1696718m	48.12	ng		
88) Benzo(k)fluoranthene	14.93	252	1044342m	37.48	ng		
89) Benzo(a)pyrene	15.24	252	1231454	40.65	ng	#	87
90) Dibenzo(a,h)anthracene	16.65	278	1057806	41.24	ng	#	82
91) Benzo(g,h,i)perylene	17.04	276	955562	39.56	ng	#	81

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

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