Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090743.D
Acq On : 22 Oct 2016 6:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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10/24/2016 3:53:24 PM

Quant Time: Oct 22 07:08:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	235408	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	976102	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	499452	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	742742	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	508388	20.00	ng		0.00
86) Perylene-d12	15.46	264	355357	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1187511	81.35	ng		0.00
7) Phenol-d6	6.50	99	1492931	75.51	ng		0.00
23) Nitrobenzene-d5	7.42	82	1359563	76.39	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	392143	99.20	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	2392313	74.36	ng		0.00
78) Terphenyl-d14	12.97	244	1961817	88.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	314954	37.29	ng		83
3) Pyridine	3.23	79	797960	40.32	ng	#	76
4) n-Nitrosodimethylamine	3.19	42	265341	39.18	ng	#	77
6) Aniline	6.52	93	916211	40.87	ng	#	68
8) 2-Chlorophenol	6.65	128	717302	40.94	ng		95
9) Benzaldehyde	6.41	77	411089	38.03	ng	#	78
10) Phenol	6.51	94	798273	35.92	ng	#	51
11) bis(2-Chloroethyl)ether	6.60	93	759344	40.66	ng		90
12) 1,3-Dichlorobenzene	6.79	146	690494	39.23	ng	#	90
13) 1,4-Dichlorobenzene	6.87	146	751984	40.28	ng	#	91
14) 1,2-Dichlorobenzene	7.03	146	678098	37.10	ng		98
15) Benzyl Alcohol	7.00	79	520925	38.79	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.14	45	948906	33.93	ng		73
17) 2-Methylphenol	7.11	107	534821	40.51	ng	#	82
18) Hexachloroethane	7.37	117	274926	36.28	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	487928	33.14	ng	#	72
20) 3+4-Methylphenols	7.27	107	605041	38.66	ng	#	62
22) Acetophenone	7.27	105	853805	39.25	ng	#	82
24) Nitrobenzene	7.45	77	793045	41.11	ng	#	70
25) Isophorone	7.69	82	1275028	37.85	ng	#	88
26) 2-Nitrophenol	7.77	139	337484	42.82	ng	#	84
27) 2,4-Dimethylphenol	7.80	122	545399	39.03	ng	#	80
28) bis(2-Chloroethoxy)methane	7.90	93	744572	40.40	ng	#	95
29) 2,4-Dichlorophenol	8.01	162	511179	44.57	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	581357	43.07	ng		98
31) Naphthalene	8.17	128	1847871	38.70	ng		96
32) Benzoic acid	7.95	122	361107	38.44	ng	#	66
33) 4-Chloroaniline	8.22	127	762535	43.06	ng	#	95
34) Hexachlorobutadiene	8.28	225	312857	41.22	ng		98
35) Caprolactam	8.60	113	147039	44.89	ng		89
36) 4-Chloro-3-methylphenol	8.70	107	562937	42.20	ng	#	82
37) 2-Methylnaphthalene	8.85	142	1159751	41.56	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	541196	40.13	ng		98
40) Hexachlorocyclopentadiene	9.01	237	219063	34.60	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	356995	42.68	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	343413	40.46	ng		97
45) 1,1'-Biphenyl	9.32	154	1416096	36.10	ng		90
46) 2-Chloronaphthalene	9.34	162	1083033	37.15	ng	#	88
47) 2-Nitroaniline	9.45	65	391811	40.49	ng	#	79
48) Acenaphthylene	9.77	152	1800070	40.47	ng		96
49) Dimethylphthalate	9.63	163	1321740	42.11	ng	#	98
50) 2,6-Dinitrotoluene	9.69	165	264300	39.16	ng	#	54
51) Acenaphthene	9.94	154	1193079	40.40	ng		88
52) 3-Nitroaniline	9.86	138	329668	42.49	ng	#	60
53) 2,4-Dinitrophenol	9.96	184	95752	35.28	ng	#	43
54) Dibenzofuran	10.11	168	1472964	41.18	ng	#	90
55) 4-Nitrophenol	10.02	139	170234	39.00	ng	#	22
56) 2,4-Dinitrotoluene	10.09	165	333453	40.42	ng	#	58
57) Fluorene	10.45	166	1211073	40.85	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	294107	44.16	ng		94
59) Diethylphthalate	10.33	149	1359870	41.78	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	604562	44.62	ng		92
61) 4-Nitroaniline	10.47	138	320493	40.79	ng	#	51
62) Azobenzene	10.60	77	1457208	38.23	ng		86
64) 4,6-Dinitro-2-methylphenol	10.50	198	163853	35.73	ng		92
65) n-Nitrosodiphenylamine	10.57	169	979728	41.17	ng		90
66) 4-Bromophenyl-phenylether	10.93	248	338788	47.05	ng		93
67) Hexachlorobenzene	11.00	284	378921	44.60	ng	#	78
68) Atrazine	11.09	200	324420	49.40	ng		85
69) Pentachlorophenol	11.19	266	170442	39.71	ng		98
70) Phenanthrene	11.41	178	1636727	43.23	ng		95
71) Anthracene	11.46	178	1590290	37.88	ng		96
72) Carbazole	11.62	167	1527205	43.51	ng		94
73) Di-n-butylphthalate	11.95	149	1982881	43.55	ng	#	97
74) Fluoranthene	12.59	202	1468006	40.08	ng		98
76) Benzidine	12.71	184	479697	42.50	ng	#	95
77) Pyrene	12.82	202	1475909	41.57	ng		95
79) Butylbenzylphthalate	13.45	149	791664	48.50	ng		97
80) Benzo(a)anthracene	14.01	228	1165362	41.89	ng		96
81) 3,3'-Dichlorobenzidine	13.97	252	392656	40.73	ng		99
82) Chrysene	14.05	228	1259010	46.37	ng		94
83) Bis(2-ethylhexyl)phthalate	14.01	149	1066252	45.66	ng	#	96
84) Di-n-octyl phthalate	14.61	149	1471539	41.52	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	889461	37.55	ng	#	95
87) Benzo(b)fluoranthene	15.05	252	928151	42.48	ng	#	88
88) Benzo(k)fluoranthene	15.07	252	860133m	39.17	ng		
89) Benzo(a)pyrene	15.40	252	831468	40.56	ng	#	86
90) Dibenzo(a,h)anthracene	16.89	278	780946	39.67	ng	#	81
91) Benzo(g,h,i)perylene	17.29	276	739966	38.76	ng	#	84

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

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