Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101416\
Data File : BF090557.D
Acq On : 14 Oct 2016 8:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Umangi
10/14/2016 6:45:38 PM

Quant Time: Oct 14 13:19:23 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 02:03:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	213235	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	891598	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	468220	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	784065	20.00	ng		0.00
75) Chrysene-d12	14.10	240	680823	20.00	ng		0.00
86) Perylene-d12	15.56	264	414628	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	997319	85.74	ng		0.00
7) Phenol-d6	6.55	99	1440270	83.33	ng		0.00
23) Nitrobenzene-d5	7.49	82	1228691	76.55	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	388335	93.03	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	2256498	79.41	ng		0.00
78) Terphenyl-d14	13.05	244	2297742	78.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	266208	40.16	ng		96
3) Pyridine	3.31	79	622295	41.88	ng		94
4) n-Nitrosodimethylamine	3.26	42	186544	37.01	ng		88
6) Aniline	6.59	93	839650	40.20	ng		95
8) 2-Chlorophenol	6.70	128	617694	40.95	ng		95
9) Benzaldehyde	6.46	77	447490	45.94	ng		91
10) Phenol	6.57	94	821737	41.57	ng		96
11) bis(2-Chloroethyl)ether	6.66	93	678588	41.61	ng		97
12) 1,3-Dichlorobenzene	6.86	146	589720	39.21	ng		96
13) 1,4-Dichlorobenzene	6.94	146	638258	39.02	ng		98
14) 1,2-Dichlorobenzene	7.09	146	611564	39.99	ng		98
15) Benzyl Alcohol	7.07	79	447377	38.00	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.19	45	759107	33.07	ng		95
17) 2-Methylphenol	7.18	107	458600	39.02	ng		97
18) Hexachloroethane	7.43	117	244690	37.85	ng		93
19) n-Nitroso-di-n-propylamine	7.34	70	428998	36.20	ng	#	82
20) 3+4-Methylphenols	7.33	107	555284	38.97	ng		92
22) Acetophenone	7.33	105	777509	39.47	ng		95
24) Nitrobenzene	7.50	77	624904	37.94	ng		95
25) Isophorone	7.74	82	1098101	37.59	ng		96
26) 2-Nitrophenol	7.82	139	323952	43.35	ng		88
27) 2,4-Dimethylphenol	7.87	122	487481	39.31	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	704610	40.85	ng		100
29) 2,4-Dichlorophenol	8.07	162	449232	41.36	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	516778	40.62	ng		98
31) Naphthalene	8.23	128	1819904	40.07	ng		100
32) Benzoic acid	7.99	122	324450	42.60	ng		95
33) 4-Chloroaniline	8.28	127	721761	41.58	ng		96
34) Hexachlorobutadiene	8.35	225	299723	42.17	ng		98
35) Caprolactam	8.66	113	139475	46.01	ng	#	80
36) 4-Chloro-3-methylphenol	8.76	107	507076	40.46	ng		96
37) 2-Methylnaphthalene	8.92	142	1095400	41.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	530192	42.71	ng		98
40) Hexachlorocyclopentadiene	9.08	237	264475	43.61	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	315408	45.04	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	356550	42.68	ng		92
45) 1,1'-Biphenyl	9.39	154	1501364	42.14	ng		98
46) 2-Chloronaphthalene	9.41	162	1090538	41.05	ng		98
47) 2-Nitroaniline	9.51	65	357371	37.11	ng		85
48) Acenaphthylene	9.82	152	1635364	38.66	ng		100
49) Dimethylphthalate	9.69	163	1149049	37.82	ng		99
50) 2,6-Dinitrotoluene	9.75	165	280857	42.25	ng		90
51) Acenaphthene	10.01	154	1117311	39.74	ng		99
52) 3-Nitroaniline	9.93	138	352892	42.31	ng		93
53) 2,4-Dinitrophenol	10.03	184	129024	38.89	ng		91
54) Dibenzofuran	10.18	168	1466378	39.65	ng		97
55) 4-Nitrophenol	10.09	139	206883	41.21	ng		86
56) 2,4-Dinitrotoluene	10.15	165	387600	42.93	ng		92
57) Fluorene	10.52	166	1225120	40.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.29	232	311539	44.78	ng		95
59) Diethylphthalate	10.38	149	1208208	39.22	ng		98
60) 4-Chlorophenyl-phenylether	10.51	204	619214	43.05	ng		97
61) 4-Nitroaniline	10.54	138	346841	41.47	ng		94
62) Azobenzene	10.67	77	1363511	38.26	ng		96
64) 4,6-Dinitro-2-methylphenol	10.57	198	193843	40.85	ng		90
65) n-Nitrosodiphenylamine	10.63	169	1023667	39.53	ng		100
66) 4-Bromophenyl-phenylether	11.00	248	361684	42.99	ng		99
67) Hexachlorobenzene	11.07	284	360783	39.50	ng	#	60
68) Atrazine	11.15	200	279591	39.03	ng		98
69) Pentachlorophenol	11.25	266	190519	42.08	ng		96
70) Phenanthrene	11.48	178	1712493	40.92	ng		99
71) Anthracene	11.53	178	1719377	38.17	ng		100
72) Carbazole	11.69	167	1631713	40.47	ng		100
73) Di-n-butylphthalate	12.02	149	1938924	41.04	ng		100
74) Fluoranthene	12.67	202	1771060	42.07	ng		99
76) Benzidine	12.80	184	759270	44.82	ng		99
77) Pyrene	12.90	202	1779080	39.45	ng		99
79) Butylbenzylphthalate	13.52	149	814577	40.78	ng		97
80) Benzo(a)anthracene	14.09	228	1632733	42.13	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	563629	42.57	ng		100
82) Chrysene	14.12	228	1361373	36.46	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	1170402	43.42	ng		100
84) Di-n-octyl phthalate	14.68	149	1570006	43.44	ng		98
85) Indeno(1,2,3-cd)pyrene	17.01	276	881318	40.82	ng		99
87) Benzo(b)fluoranthene	15.13	252	1240969	45.74	ng		99
88) Benzo(k)fluoranthene	15.16	252	1034862m	35.45	ng		
89) Benzo(a)pyrene	15.49	252	990460	39.88	ng		100
90) Dibenzo(a,h)anthracene	17.02	278	767476	40.52	ng		99
91) Benzo(g,h,i)perylene	17.45	276	722152	39.98	ng		99

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

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