Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084984.D
Acq On : 10 Feb 2016 10:58
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
2/11/2016 10:46:29 AM

Quant Time: Feb 10 13:54:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	204828	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	842646	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	390424	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	732974	20.00	ng		0.00
75) Chrysene-d12	13.77	240	510264	20.00	ng		0.00
86) Perylene-d12	15.13	264	406608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	986699	75.03	ng		0.00
7) Phenol-d6	6.28	99	1176072	72.14	ng		0.00
23) Nitrobenzene-d5	7.20	82	1166206	77.96	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	336972	82.74	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1795481	74.23	ng		0.00
78) Terphenyl-d14	12.73	244	1868329	82.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	226880	39.39	ng	#	76
3) Pyridine	2.72	79	561129	37.39	ng	#	75
4) n-Nitrosodimethylamine	2.68	42	300070	38.66	ng		79
6) Aniline	6.30	93	795780	39.89	ng	#	53
8) 2-Chlorophenol	6.41	128	564465	37.92	ng		93
9) Benzaldehyde	6.17	77	355939	36.97	ng		98
10) Phenol	6.30	94	645281	35.33	ng		77
11) bis(2-Chloroethyl)ether	6.38	93	569017	39.95	ng		90
12) 1,3-Dichlorobenzene	6.56	146	575111m	36.57	ng		
13) 1,4-Dichlorobenzene	6.64	146	573413	36.47	ng		98
14) 1,2-Dichlorobenzene	6.80	146	581335	39.70	ng		98
15) Benzyl Alcohol	6.79	79	465899	41.39	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.91	45	915802	38.23	ng		68
17) 2-Methylphenol	6.91	107	458304	38.93	ng	#	87
18) Hexachloroethane	7.13	117	230802	38.12	ng	#	89
19) n-Nitroso-di-n-propylamine	7.06	70	373534	36.55	ng	#	76
20) 3+4-Methylphenols	7.06	107	554562	37.95	ng	#	82
22) Acetophenone	7.05	105	814676	36.68	ng	#	99
24) Nitrobenzene	7.22	77	618742	38.63	ng		98
25) Isophorone	7.47	82	1131393	38.90	ng		96
26) 2-Nitrophenol	7.54	139	324938	41.13	ng		91
27) 2,4-Dimethylphenol	7.59	122	487642	35.49	ng		95
28) bis(2-Chloroethoxy)methane	7.68	93	597438	34.62	ng		99
29) 2,4-Dichlorophenol	7.78	162	433832	36.90	ng		95
30) 1,2,4-Trichlorobenzene	7.86	180	518183	39.02	ng	#	95
31) Naphthalene	7.94	128	1644908	38.92	ng		100
32) Benzoic acid	7.75	122	328929	37.42	ng		92
33) 4-Chloroaniline	8.00	127	735843	42.09	ng		94
34) Hexachlorobutadiene	8.06	225	281590	36.77	ng		99
35) Caprolactam	8.39	113	149225	41.18	ng	#	46
36) 4-Chloro-3-methylphenol	8.49	107	481986	35.93	ng		93
37) 2-Methylnaphthalene	8.63	142	997019	37.69	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	511229	41.23	ng		98
40) Hexachlorocyclopentadiene	8.78	237	167155	39.01	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	312204	39.08	ng		96
43) 2,4,5-Trichlorophenol	8.96	196	326197	40.19	ng		93
45) 1,1'-Biphenyl	9.10	154	1387839	39.80	ng		99
46) 2-Chloronaphthalene	9.12	162	1055995	41.12	ng		91
47) 2-Nitroaniline	9.22	65	358634	44.10	ng		90
48) Acenaphthylene	9.53	152	1574535	40.40	ng		98
49) Dimethylphthalate	9.40	163	1128746	37.96	ng	#	90
50) 2,6-Dinitrotoluene	9.47	165	256190	39.44	ng	#	83
51) Acenaphthene	9.70	154	1011648	39.90	ng		98
52) 3-Nitroaniline	9.63	138	269194	36.88	ng		91
53) 2,4-Dinitrophenol	9.75	184	100541	36.90	ng	#	84
54) Dibenzofuran	9.87	168	1236263	39.90	ng		98
55) 4-Nitrophenol	9.82	139	214252	39.94	ng		94
56) 2,4-Dinitrotoluene	9.87	165	343484	41.46	ng		93
57) Fluorene	10.22	166	1051413	40.63	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	240031	38.85	ng	#	86
59) Diethylphthalate	10.10	149	1090081	37.54	ng		98
60) 4-Chlorophenyl-phenylether	10.20	204	420857	37.50	ng		89
61) 4-Nitroaniline	10.25	138	307380	43.21	ng		91
62) Azobenzene	10.36	77	1091867	39.11	ng		89
64) 4,6-Dinitro-2-methylphenol	10.27	198	171577	37.93	ng	#	51
65) n-Nitrosodiphenylamine	10.33	169	855937	36.78	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	338030	41.75	ng		94
67) Hexachlorobenzene	10.75	284	313521	35.54	ng	#	83
68) Atrazine	10.87	200	323437	44.01	ng		97
69) Pentachlorophenol	10.96	266	146218	35.27	ng		97
70) Phenanthrene	11.16	178	1396131	34.34	ng		97
71) Anthracene	11.22	178	1647993	40.23	ng		99
72) Carbazole	11.38	167	1462758	40.95	ng		98
73) Di-n-butylphthalate	11.71	149	1600217	35.19	ng	#	96
74) Fluoranthene	12.34	202	1423003	34.58	ng		99
76) Benzidine	12.48	184	786332	44.49	ng		99
77) Pyrene	12.57	202	1422885	36.42	ng		98
79) Butylbenzylphthalate	13.21	149	706039	39.84	ng	#	80
80) Benzo(a)anthracene	13.76	228	1235170	39.00	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	452367	40.34	ng		99
82) Chrysene	13.79	228	1020328	33.22	ng		100
83) Bis(2-ethylhexyl)phthalate	13.77	149	844698	38.30	ng	#	97
84) Di-n-octyl phthalate	14.38	149	1236884	33.99	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.39	276	962926	39.83	ng		98
87) Benzo(b)fluoranthene	14.77	252	1152329m	42.18	ng		
88) Benzo(k)fluoranthene	14.79	252	766421m	33.93	ng		
89) Benzo(a)pyrene	15.07	252	861610	37.01	ng	#	95
90) Dibenzo(a,h)anthracene	16.40	278	786616	40.14	ng	#	93
91) Benzo(g,h,i)perylene	16.75	276	835454	42.33	ng		100

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

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