Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090707.D
Acq On : 21 Oct 2016 12:20
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
10/24/2016 3:51:00 PM

Quant Time: Oct 21 14:30:06 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 14:20:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	175538	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	742437	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	336383	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	481050	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	357673	20.00	ng		0.00
86) Perylene-d12	15.46	264	267325	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	974791	79.38	ng		0.00
7) Phenol-d6	6.50	99	1245367	86.59	ng		0.00
23) Nitrobenzene-d5	7.42	82	1115333	92.97	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	229481	89.73	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1673726	58.78	ng		-0.01
78) Terphenyl-d14	12.97	244	1278167	71.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	246028	51.76	ng		87
3) Pyridine	3.18	79	632846	51.61	ng	#	80
4) n-Nitrosodimethylamine	3.13	42	206282	37.95	ng		92
6) Aniline	6.52	93	716926	40.66	ng	#	79
8) 2-Chlorophenol	6.65	128	537742	41.06	ng		96
9) Benzaldehyde	6.41	77	312202	67.10	ng	#	77
10) Phenol	6.51	94	715508	47.48	ng	#	57
11) bis(2-Chloroethyl)ether	6.59	93	566262	48.00	ng		94
12) 1,3-Dichlorobenzene	6.79	146	515389	36.45	ng	#	87
13) 1,4-Dichlorobenzene	6.87	146	576305	39.63	ng	#	90
14) 1,2-Dichlorobenzene	7.03	146	518694	38.36	ng		98
15) Benzyl Alcohol	7.00	79	440188	57.22	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.14	45	835763	37.00	ng		77
17) 2-Methylphenol	7.11	107	395011	43.04	ng	#	83
18) Hexachloroethane	7.37	117	219646	48.07	ng		89
19) n-Nitroso-di-n-propylamine	7.27	70	409970	56.60	ng	#	70
20) 3+4-Methylphenols	7.27	107	506878	41.62	ng	#	66
22) Acetophenone	7.27	105	673584	36.94	ng	#	80
24) Nitrobenzene	7.45	77	611785	53.25	ng	#	73
25) Isophorone	7.69	82	993324	43.75	ng	#	90
26) 2-Nitrophenol	7.75	139	244439	32.99	ng	#	28
27) 2,4-Dimethylphenol	7.80	122	425132	32.25	ng	#	80
28) bis(2-Chloroethoxy)methane	7.89	93	542135	35.58	ng	#	92
29) 2,4-Dichlorophenol	8.01	162	369411	35.59	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	422140	37.78	ng		96
31) Naphthalene	8.17	128	1441252	33.60	ng		97
32) Benzoic acid	7.93	122	266952	30.89	ng	#	57
33) 4-Chloroaniline	8.22	127	543971	33.03	ng	#	93
34) Hexachlorobutadiene	8.29	225	229602	48.66	ng		99
35) Caprolactam	8.59	113	100797	27.00	ng		93
36) 4-Chloro-3-methylphenol	8.70	107	390969	42.09	ng		88
37) 2-Methylnaphthalene	8.85	142	835102	32.45	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	382927	40.54	ng		97
40) Hexachlorocyclopentadiene	9.01	237	179707	32.64	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	245307	39.40	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	229108	35.32	ng	#	78
45) 1,1'-Biphenyl	9.32	154	1095619	33.63	ng		91
46) 2-Chloronaphthalene	9.34	162	787430	35.67	ng	#	89
47) 2-Nitroaniline	9.45	65	281716	48.50	ng	#	81
48) Acenaphthylene	9.75	152	1195316	30.63	ng		96
49) Dimethylphthalate	9.62	163	816775	36.14	ng	#	96
50) 2,6-Dinitrotoluene	9.69	165	199913	37.81	ng	#	74
51) Acenaphthene	9.94	154	818987	33.95	ng		88
52) 3-Nitroaniline	9.86	138	221496	33.68	ng	#	69
53) 2,4-Dinitrophenol	9.96	184	77478	26.74	ng	#	47
54) Dibenzofuran	10.11	168	1005872	32.98	ng	#	91
55) 4-Nitrophenol	10.02	139	116846	22.10	ng	#	39
56) 2,4-Dinitrotoluene	10.09	165	241399	37.13	ng	#	67
57) Fluorene	10.45	166	820952	30.69	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	198517	40.74	ng		90
59) Diethylphthalate	10.33	149	874233	38.58	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	410815	38.86	ng		89
61) 4-Nitroaniline	10.46	138	211470	32.00	ng	#	38
62) Azobenzene	10.60	77	1095125	52.78	ng		86
64) 4,6-Dinitro-2-methylphenol	10.50	198	116453	40.30	ng	#	82
65) n-Nitrosodiphenylamine	10.55	169	640157	36.09	ng		90
66) 4-Bromophenyl-phenylether	10.93	248	197285	44.33	ng		96
67) Hexachlorobenzene	10.99	284	217009	45.27	ng	#	58
68) Atrazine	11.08	200	166531	40.82	ng	#	82
69) Pentachlorophenol	11.18	266	109478	36.00	ng		99
70) Phenanthrene	11.40	178	991035	33.39	ng		96
71) Anthracene	11.46	178	1145878	38.96	ng		96
72) Carbazole	11.62	167	962978	35.47	ng		95
73) Di-n-butylphthalate	11.95	149	1321747	40.78	ng	#	98
74) Fluoranthene	12.59	202	951800	37.62	ng		98
76) Benzidine	12.72	184	348774	40.95	ng		96
77) Pyrene	12.82	202	943214	33.22	ng		95
79) Butylbenzylphthalate	13.45	149	478981	36.76	ng		97
80) Benzo(a)anthracene	14.01	228	788194	36.61	ng		96
81) 3,3'-Dichlorobenzidine	13.97	252	285076	43.25	ng		98
82) Chrysene	14.04	228	791113	37.84	ng		94
83) Bis(2-ethylhexyl)phthalate	14.01	149	708873	38.37	ng	#	95
84) Di-n-octyl phthalate	14.61	149	1035558	37.48	ng		97
85) Indeno(1,2,3-cd)pyrene	16.86	276	704484	40.28	ng	#	93
87) Benzo(b)fluoranthene	15.05	252	715454	42.93	ng	#	87
88) Benzo(k)fluoranthene	15.07	252	610970m	35.77	ng		
89) Benzo(a)pyrene	15.39	252	626882	40.10	ng	#	94
90) Dibenzo(a,h)anthracene	16.88	278	627485	46.32	ng	#	87
91) Benzo(g,h,i)perylene	17.29	276	589656	42.66	ng	#	83

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

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