Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090337.D
Acq On : 4 Oct 2016 12:01
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
10/5/2016 7:26:11 PM

Quant Time: Oct 04 13:01:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 12:47:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	234214	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	929522	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	452795	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	633754	20.00	ng		0.00
75) Chrysene-d12	14.19	240	517595	20.00	ng		0.00
86) Perylene-d12	15.70	264	422575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1299025	90.40	ng		0.00
7) Phenol-d6	6.63	99	1567258	88.32	ng		0.00
23) Nitrobenzene-d5	7.58	82	1396111	87.07	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	326119	83.95	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2233163	96.82	ng		0.00
78) Terphenyl-d14	13.14	244	1820484	89.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	295830	37.95	ng	#	87
3) Pyridine	3.47	79	781852	46.24	ng	#	83
4) n-Nitrosodimethylamine	3.42	42	285873	56.66	ng	#	58
6) Aniline	6.66	93	1049219	47.43	ng		99
8) 2-Chlorophenol	6.79	128	657860	39.79	ng		96
9) Benzaldehyde	6.56	77	345485	44.67	ng		90
10) Phenol	6.64	94	1013338	48.30	ng		88
11) bis(2-Chloroethyl)ether	6.74	93	715184	43.72	ng		98
12) 1,3-Dichlorobenzene	6.95	146	676841	39.19	ng	#	92
13) 1,4-Dichlorobenzene	7.03	146	734514	41.65	ng		97
14) 1,2-Dichlorobenzene	7.19	146	666964m	42.45	ng		
15) Benzyl Alcohol	7.14	79	511095	48.30	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1023117	52.34	ng		92
17) 2-Methylphenol	7.26	107	547942	42.08	ng		94
18) Hexachloroethane	7.53	117	273270	43.44	ng		97
19) n-Nitroso-di-n-propylamine	7.42	70	458946	44.03	ng	#	83
20) 3+4-Methylphenols	7.40	107	657166	42.03	ng	#	86
22) Acetophenone	7.42	105	851489	37.99	ng	#	91
24) Nitrobenzene	7.59	77	646903	38.72	ng		98
25) Isophorone	7.83	82	1169441	34.91	ng		98
26) 2-Nitrophenol	7.91	139	266342	32.37	ng	#	82
27) 2,4-Dimethylphenol	7.94	122	623475	42.65	ng		100
28) bis(2-Chloroethoxy)methane	8.04	93	830419	40.98	ng		98
29) 2,4-Dichlorophenol	8.15	162	515577	40.21	ng		94
30) 1,2,4-Trichlorobenzene	8.24	180	558906	43.64	ng		98
31) Naphthalene	8.32	128	1706362	38.55	ng		99
32) Benzoic acid	8.03	122	365749	36.45	ng		98
33) 4-Chloroaniline	8.36	127	785101	42.76	ng	#	90
34) Hexachlorobutadiene	8.44	225	323951	47.95	ng		99
35) Caprolactam	8.72	113	134170	31.62	ng	#	82
36) 4-Chloro-3-methylphenol	8.83	107	512561	35.37	ng		98
37) 2-Methylnaphthalene	9.02	142	1168172	42.44	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	492352	47.37	ng		99
40) Hexachlorocyclopentadiene	9.18	237	279789	54.55	ng		96

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	315012	42.53	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	333172	43.44	ng	#	85
45) 1,1'-Biphenyl	9.47	154	1275292	39.37	ng		94
46) 2-Chloronaphthalene	9.51	162	1043014	43.64	ng	#	91
47) 2-Nitroaniline	9.59	65	285942	39.69	ng		93
48) Acenaphthylene	9.92	152	1662380	42.83	ng		99
49) Dimethylphthalate	9.77	163	1017549	35.28	ng		99
50) 2,6-Dinitrotoluene	9.83	165	208524	32.44	ng		88
51) Acenaphthene	10.09	154	954667	41.44	ng		98
52) 3-Nitroaniline	10.00	138	266058	35.30	ng		98
53) 2,4-Dinitrophenol	10.10	184	77468	27.58	ng	#	1
54) Dibenzofuran	10.26	168	1259642	41.55	ng		95
55) 4-Nitrophenol	10.15	139	224751	43.53	ng	#	69
56) 2,4-Dinitrotoluene	10.24	165	261272	34.38	ng		97
57) Fluorene	10.60	166	1050275	45.97	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	244622	42.61	ng		90
59) Diethylphthalate	10.48	149	1099183	39.47	ng		94
60) 4-Chlorophenyl-phenylether	10.60	204	495176	47.53	ng	#	81
61) 4-Nitroaniline	10.60	138	253118	32.95	ng		91
62) Azobenzene	10.75	77	1025317	35.37	ng		87
64) 4,6-Dinitro-2-methylphenol	10.64	198	106516	26.83	ng	#	80
65) n-Nitrosodiphenylamine	10.72	169	899190	43.15	ng		99
66) 4-Bromophenyl-phenylether	11.10	248	265709	42.61	ng	#	80
67) Hexachlorobenzene	11.15	284	310971	42.78	ng	#	81
68) Atrazine	11.23	200	196110	34.34	ng		97
69) Pentachlorophenol	11.35	266	187128	45.36	ng		99
70) Phenanthrene	11.58	178	1371348	46.27	ng		96
71) Anthracene	11.62	178	1411718	45.41	ng		98
72) Carbazole	11.77	167	1207868	36.75	ng		97
73) Di-n-butylphthalate	12.11	149	1569178	41.06	ng	#	96
74) Fluoranthene	12.77	202	1368582	43.02	ng		93
76) Benzidine	12.88	184	597760	34.50	ng		98
77) Pyrene	12.99	202	1377624	38.90	ng		99
79) Butylbenzylphthalate	13.61	149	542587	31.32	ng	#	78
80) Benzo(a)anthracene	14.18	228	1114328	40.02	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	400711	34.89	ng	#	98
82) Chrysene	14.22	228	997872	36.79	ng		97
83) Bis(2-ethylhexyl)phthalate	14.18	149	846494	38.18	ng		98
84) Di-n-octyl phthalate	14.80	149	1260413	33.00	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.22	276	1089389	49.67	ng		98
87) Benzo(b)fluoranthene	15.26	252	964504	41.22	ng	#	98
88) Benzo(k)fluoranthene	15.29	252	1026839m	46.76	ng		
89) Benzo(a)pyrene	15.63	252	927655	42.14	ng		98
90) Dibenzo(a,h)anthracene	17.23	278	912349	53.12	ng	#	95
91) Benzo(g,h,i)perylene	17.68	276	882746	52.51	ng		98

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

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