Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086822.D
Acq On : 9 May 2016 13:40
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
5/10/2016 11:05:51 AM

Quant Time: May 09 15:02:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 14:52:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	175722	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	737787	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	357787	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	641105	20.00	ng		0.00
75) Chrysene-d12	13.84	240	458312	20.00	ng		0.00
86) Perylene-d12	15.21	264	366845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	844991	82.94	ng		0.00
7) Phenol-d6	6.36	99	1113754	78.33	ng		0.00
23) Nitrobenzene-d5	7.26	82	1174866	85.83	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	291974	77.38	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1510851	71.47	ng		0.00
78) Terphenyl-d14	12.80	244	1715865	82.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	204981	38.30	ng	#	72
3) Pyridine	2.86	79	503251	39.73	ng	#	67
4) n-Nitrosodimethylamine	2.82	42	380225	52.67	ng	#	52
6) Aniline	6.36	93	668831	38.87	ng	#	74
8) 2-Chlorophenol	6.49	128	503432	39.68	ng		99
9) Benzaldehyde	6.24	77	310374	37.52	ng		95
10) Phenol	6.37	94	679135	42.81	ng		78
11) bis(2-Chloroethyl)ether	6.44	93	548667	40.01	ng		92
12) 1,3-Dichlorobenzene	6.64	146	539356	39.52	ng		98
13) 1,4-Dichlorobenzene	6.70	146	524077m	37.22	ng		
14) 1,2-Dichlorobenzene	6.86	146	500982	38.79	ng		99
15) Benzyl Alcohol	6.85	79	390364	43.40	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1063126	38.73	ng		57
17) 2-Methylphenol	6.98	107	412672	40.24	ng	#	84
18) Hexachloroethane	7.21	117	205263	39.01	ng	#	77
19) n-Nitroso-di-n-propylamine	7.13	70	419054	44.59	ng	#	76
20) 3+4-Methylphenols	7.14	107	542318	46.31	ng	#	58
22) Acetophenone	7.12	105	686967	42.46	ng	#	97
24) Nitrobenzene	7.29	77	610639	43.37	ng		97
25) Isophorone	7.53	82	1035739	39.32	ng		99
26) 2-Nitrophenol	7.61	139	280773	43.31	ng		96
27) 2,4-Dimethylphenol	7.65	122	418292	36.77	ng		87
28) bis(2-Chloroethoxy)methane	7.74	93	608547	42.40	ng		98
29) 2,4-Dichlorophenol	7.86	162	396476	41.31	ng		93
30) 1,2,4-Trichlorobenzene	7.93	180	444116	39.89	ng		100
31) Naphthalene	8.01	128	1455462	38.77	ng		100
32) Benzoic acid	7.81	122	263041	44.59	ng		84
33) 4-Chloroaniline	8.06	127	581731	41.38	ng	#	92
34) Hexachlorobutadiene	8.12	225	259696	41.61	ng		97
35) Caprolactam	8.45	113	128188	40.04	ng	#	47
36) 4-Chloro-3-methylphenol	8.57	107	482524	43.91	ng		99
37) 2-Methylnaphthalene	8.69	142	886825	40.03	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	403693	39.42	ng		99
40) Hexachlorocyclopentadiene	8.84	237	200938	39.48	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	265798	41.06	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	286418	40.59	ng	#	85
45) 1,1'-Biphenyl	9.16	154	1172353	39.20	ng		98
46) 2-Chloronaphthalene	9.18	162	918375	40.39	ng		98
47) 2-Nitroaniline	9.29	65	307389	42.16	ng	#	73
48) Acenaphthylene	9.60	152	1363209	38.35	ng		99
49) Dimethylphthalate	9.47	163	1013563	37.63	ng		100
50) 2,6-Dinitrotoluene	9.53	165	215961	38.81	ng	#	64
51) Acenaphthene	9.77	154	867006	37.98	ng		99
52) 3-Nitroaniline	9.70	138	235540	37.22	ng	#	73
53) 2,4-Dinitrophenol	9.81	184	97542	39.19	ng		88
54) Dibenzofuran	9.94	168	1102881	38.65	ng		97
55) 4-Nitrophenol	9.89	139	152697	36.85	ng		85
56) 2,4-Dinitrotoluene	9.94	165	285536	40.25	ng	#	84
57) Fluorene	10.28	166	928582	37.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	227481	41.24	ng		98
59) Diethylphthalate	10.17	149	1065259	41.78	ng		96
60) 4-Chlorophenyl-phenylether	10.27	204	391984	34.85	ng		98
61) 4-Nitroaniline	10.32	138	247822	40.06	ng	#	70
62) Azobenzene	10.43	77	1112880	39.85	ng		86
64) 4,6-Dinitro-2-methylphenol	10.34	198	154811	41.13	ng	#	36
65) n-Nitrosodiphenylamine	10.40	169	749378	37.40	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	274143	41.50	ng	#	87
67) Hexachlorobenzene	10.82	284	276398	36.15	ng	#	70
68) Atrazine	10.93	200	284873	47.35	ng		96
69) Pentachlorophenol	11.02	266	153336	38.03	ng		96
70) Phenanthrene	11.23	178	1252561	37.23	ng		99
71) Anthracene	11.29	178	1449818	40.38	ng		99
72) Carbazole	11.45	167	1166029	36.64	ng		99
73) Di-n-butylphthalate	11.78	149	1474904	40.91	ng	#	99
74) Fluoranthene	12.42	202	1432685	42.18	ng		91
76) Benzidine	12.55	184	511195	32.46	ng		99
77) Pyrene	12.64	202	1348359	40.83	ng		99
79) Butylbenzylphthalate	13.27	149	571007	39.92	ng	#	69
80) Benzo(a)anthracene	13.83	228	992057	40.60	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	686211	42.01	ng	#	96
82) Chrysene	13.86	228	934657	35.19	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	705200	39.72	ng		97
84) Di-n-octyl phthalate	14.43	149	1164929	41.90	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.50	276	873263	44.37	ng		95
87) Benzo(b)fluoranthene	14.83	252	877566m	40.66	ng		
88) Benzo(k)fluoranthene	14.85	252	804908m	35.76	ng		
89) Benzo(a)pyrene	15.15	252	804605	39.49	ng	#	96
90) Dibenzo(a,h)anthracene	16.51	278	722488	43.33	ng		98
91) Benzo(g,h,i)perylene	16.89	276	734088	43.93	ng		94

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

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