Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087101.D
Acq On : 17 May 2016 14:10
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
5/18/2016 6:56:38 PM

Quant Time: May 17 14:55:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 14:49:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	186584	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	799080	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	372442	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	700701	20.00	ng		0.00
75) Chrysene-d12	13.75	240	539424	20.00	ng		0.00
86) Perylene-d12	15.10	264	458709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	881327	79.99	ng		0.00
7) Phenol-d6	6.27	99	1205418	81.86	ng		0.00
23) Nitrobenzene-d5	7.18	82	1237451	77.76	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	354880	90.00	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1882214	84.94	ng		0.00
78) Terphenyl-d14	12.70	244	1693948	66.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	230590	42.63	ng	#	74
3) Pyridine	2.65	79	593224	44.86	ng	#	64
4) n-Nitrosodimethylamine	2.63	42	426129	44.44	ng	#	50
6) Aniline	6.26	93	763895	42.89	ng		95
8) 2-Chlorophenol	6.39	128	547872	41.21	ng		91
9) Benzaldehyde	6.14	77	306448	35.94	ng		95
10) Phenol	6.28	94	782774	44.73	ng		84
11) bis(2-Chloroethyl)ether	6.34	93	503913	36.93	ng		84
12) 1,3-Dichlorobenzene	6.54	146	589447	40.97	ng		99
13) 1,4-Dichlorobenzene	6.62	146	591341	40.30	ng		99
14) 1,2-Dichlorobenzene	6.76	146	476185	37.24	ng		95
15) Benzyl Alcohol	6.76	79	465881	45.82	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.89	45	1101211	37.11	ng	#	44
17) 2-Methylphenol	6.89	107	450064	42.54	ng	#	81
18) Hexachloroethane	7.11	117	229853	41.64	ng	#	84
19) n-Nitroso-di-n-propylamine	7.04	70	475171	46.18	ng	#	78
20) 3+4-Methylphenols	7.05	107	609013	44.08	ng	#	59
22) Acetophenone	7.03	105	796538	42.20	ng		98
24) Nitrobenzene	7.20	77	735749	44.94	ng		97
25) Isophorone	7.44	82	1162767	39.38	ng		99
26) 2-Nitrophenol	7.51	139	284231	39.50	ng	#	69
27) 2,4-Dimethylphenol	7.58	122	483227	39.42	ng		95
28) bis(2-Chloroethoxy)methane	7.66	93	688925	43.26	ng		99
29) 2,4-Dichlorophenol	7.76	162	423292	39.23	ng		92
30) 1,2,4-Trichlorobenzene	7.83	180	454234	37.65	ng		95
31) Naphthalene	7.91	128	1499969	37.48	ng		98
32) Benzoic acid	7.75	122	301707	41.91	ng	#	78
33) 4-Chloroaniline	7.98	127	670738	43.13	ng		96
34) Hexachlorobutadiene	8.02	225	256876	36.70	ng		98
35) Caprolactam	8.38	113	146573	39.93	ng	#	48
36) 4-Chloro-3-methylphenol	8.48	107	509093	38.91	ng		91
37) 2-Methylnaphthalene	8.59	142	944956	40.38	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	401769	37.10	ng		97
40) Hexachlorocyclopentadiene	8.75	237	160106	31.15	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	284985	39.36	ng		94
43) 2,4,5-Trichlorophenol	8.94	196	301046	40.20	ng	#	85
45) 1,1'-Biphenyl	9.06	154	1163659	39.28	ng		96
46) 2-Chloronaphthalene	9.08	162	891204	38.40	ng	#	92
47) 2-Nitroaniline	9.20	65	378334	44.60	ng	#	76
48) Acenaphthylene	9.50	152	1331203	38.99	ng		98
49) Dimethylphthalate	9.38	163	1121862	39.48	ng		100
50) 2,6-Dinitrotoluene	9.45	165	266015	44.48	ng	#	66
51) Acenaphthene	9.67	154	801732	37.75	ng		98
52) 3-Nitroaniline	9.61	138	277558	44.09	ng	#	77
53) 2,4-Dinitrophenol	9.72	184	144650	58.11	ng	#	76
54) Dibenzofuran	9.84	168	1060675	38.91	ng		93
55) 4-Nitrophenol	9.80	139	138695m	37.03	ng		
56) 2,4-Dinitrotoluene	9.85	165	330891	44.71	ng		95
57) Fluorene	10.18	166	850044	36.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	234494	41.59	ng		95
59) Diethylphthalate	10.08	149	1156153	41.75	ng		96
60) 4-Chlorophenyl-phenylether	10.18	204	482258	40.78	ng	#	83
61) 4-Nitroaniline	10.24	138	304376	50.34	ng		86
62) Azobenzene	10.34	77	1285571	43.03	ng		89
64) 4,6-Dinitro-2-methylphenol	10.26	198	199162	45.75	ng	#	71
65) n-Nitrosodiphenylamine	10.31	169	924633	42.95	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	263998	37.16	ng		95
67) Hexachlorobenzene	10.73	284	355892	42.86	ng	#	91
68) Atrazine	10.84	200	298487	41.51	ng		95
69) Pentachlorophenol	10.94	266	139456	36.34	ng		97
70) Phenanthrene	11.14	178	1578071	42.20	ng		99
71) Anthracene	11.19	178	1358143	35.51	ng		99
72) Carbazole	11.36	167	1453474	44.21	ng		99
73) Di-n-butylphthalate	11.69	149	1715650	42.73	ng		99
74) Fluoranthene	12.32	202	1485937	38.64	ng		97
76) Benzidine	12.46	184	607394	44.17	ng		98
77) Pyrene	12.55	202	1589430	38.49	ng		99
79) Butylbenzylphthalate	13.18	149	724056	41.45	ng	#	85
80) Benzo(a)anthracene	13.74	228	1181817	39.03	ng		99
81) 3,3'-Dichlorobenzidine	13.71	252	767071	39.87	ng	#	91
82) Chrysene	13.77	228	1188041	38.57	ng		98
83) Bis(2-ethylhexyl)phthalate	13.74	149	816927	38.88	ng		97
84) Di-n-octyl phthalate	14.34	149	1333590	38.31	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.35	276	1049574	40.95	ng		94
87) Benzo(b)fluoranthene	14.73	252	1043642m	35.01	ng		
88) Benzo(k)fluoranthene	14.75	252	1061745m	43.50	ng		
89) Benzo(a)pyrene	15.05	252	1018443	39.61	ng	#	96
90) Dibenzo(a,h)anthracene	16.35	278	857618	39.57	ng		98
91) Benzo(g,h,i)perylene	16.72	276	889010	40.37	ng	#	92

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

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