Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086778.D
Acq On : 7 May 2016 17:10
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
5/9/2016 7:20:04 PM

Quant Time: May 08 00:15:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 23:59:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	232779	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	956499	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	438117	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	730539	40.00	ng		0.00
75) Chrysene-d12	13.85	240	440975	40.00	ng		0.00
86) Perylene-d12	15.23	264	425430	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1022627	72.73	ng		0.00
7) Phenol-d6	6.37	99	1359315	71.77	ng		0.00
23) Nitrobenzene-d5	7.29	82	1458402	78.35	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	315721	73.67	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1916230	71.70	ng		0.00
78) Terphenyl-d14	12.81	244	1901448	87.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	272808	37.54	ng	#	73
3) Pyridine	2.92	79	666940	37.43	ng	#	70
4) n-Nitrosodimethylamine	2.86	42	473864	43.84	ng	#	49
6) Aniline	6.38	93	834962	35.72	ng	#	7
8) 2-Chlorophenol	6.50	128	657773	38.98	ng		94
9) Benzaldehyde	6.26	77	360803	38.18	ng		94
10) Phenol	6.38	94	831164	40.11	ng	#	55
11) bis(2-Chloroethyl)ether	6.45	93	684673	38.39	ng		86
12) 1,3-Dichlorobenzene	6.65	146	723692	40.39	ng		98
13) 1,4-Dichlorobenzene	6.73	146	709592	38.30	ng		99
14) 1,2-Dichlorobenzene	6.88	146	582727	36.12	ng		95
15) Benzyl Alcohol	6.86	79	467378	38.14	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1381087	37.87	ng		54
17) 2-Methylphenol	6.99	107	509195	37.48	ng	#	80
18) Hexachloroethane	7.22	117	286515	40.97	ng	#	88
19) n-Nitroso-di-n-propylamine	7.14	70	460934	35.62	ng	#	68
20) 3+4-Methylphenols	7.15	107	652318	41.00	ng	#	59
22) Acetophenone	7.13	105	944328	42.37	ng	#	97
24) Nitrobenzene	7.30	77	709605	36.88	ng		94
25) Isophorone	7.55	82	1386978	40.01	ng		97
26) 2-Nitrophenol	7.62	139	367240	42.77	ng	#	83
27) 2,4-Dimethylphenol	7.68	122	556761	36.93	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	738597	38.71	ng		99
29) 2,4-Dichlorophenol	7.87	162	509518	39.30	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	579985	40.10	ng		97
31) Naphthalene	8.02	128	1864804	38.16	ng		98
32) Benzoic acid	7.85	122	416085	66.75	ng		95
33) 4-Chloroaniline	8.08	127	703657	37.17	ng	#	91
34) Hexachlorobutadiene	8.13	225	326998	39.83	ng		99
35) Caprolactam	8.49	113	165163	41.16	ng	#	58
36) 4-Chloro-3-methylphenol	8.58	107	608858	41.17	ng		100
37) 2-Methylnaphthalene	8.70	142	1040138m	36.08	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	541084	42.67	ng		100
40) Hexachlorocyclopentadiene	8.85	237	261323	47.42	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	326537	40.49	ng		95
43) 2,4,5-Trichlorophenol	9.04	196	354516	42.08	ng	#	86
45) 1,1'-Biphenyl	9.17	154	1449125	40.46	ng		96
46) 2-Chloronaphthalene	9.20	162	1083261	39.19	ng		95
47) 2-Nitroaniline	9.30	65	354189	36.04	ng	#	74
48) Acenaphthylene	9.61	152	1539841	37.53	ng		99
49) Dimethylphthalate	9.48	163	1271895	38.94	ng		99
50) 2,6-Dinitrotoluene	9.55	165	302540	43.16	ng	#	75
51) Acenaphthene	9.78	154	971883	35.91	ng		99
52) 3-Nitroaniline	9.72	138	298196	37.42	ng		94
53) 2,4-Dinitrophenol	9.82	184	134440	57.66	ng		85
54) Dibenzofuran	9.95	168	1226930	36.57	ng		94
55) 4-Nitrophenol	9.89	139	165017	35.52	ng	#	50
56) 2,4-Dinitrotoluene	9.95	165	346260	39.86	ng	#	89
57) Fluorene	10.29	166	1110189	40.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	271466	43.87	ng		98
59) Diethylphthalate	10.18	149	1206659	39.03	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	451088	34.90	ng		97
61) 4-Nitroaniline	10.34	138	277532	36.25	ng	#	78
62) Azobenzene	10.44	77	1238979	36.17	ng		86
64) 4,6-Dinitro-2-methylphenol	10.35	198	194093	51.29	ng	#	28
65) n-Nitrosodiphenylamine	10.41	169	851795	36.72	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	314495	43.32	ng		94
67) Hexachlorobenzene	10.83	284	340633	38.48	ng	#	66
68) Atrazine	10.94	200	297755	41.89	ng		95
69) Pentachlorophenol	11.04	266	207162	50.53	ng		97
70) Phenanthrene	11.24	178	1505088	38.36	ng		99
71) Anthracene	11.30	178	1553774	37.81	ng		99
72) Carbazole	11.46	167	1278844	35.84	ng		98
73) Di-n-butylphthalate	11.79	149	1552046	36.64	ng	#	98
74) Fluoranthene	12.43	202	1577672	40.12	ng		95
76) Benzidine	12.56	184	418268	36.60	ng		98
77) Pyrene	12.66	202	1573037	44.74	ng		100
79) Butylbenzylphthalate	13.28	149	698067	47.41	ng	#	66
80) Benzo(a)anthracene	13.84	228	1041902	41.78	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	734981	46.90	ng		98
82) Chrysene	13.88	228	1171846	44.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	864564	50.74	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1533923	61.18	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.53	276	995114	43.59	ng		95
87) Benzo(b)fluoranthene	14.84	252	1249996m	48.90	ng		
88) Benzo(k)fluoranthene	14.88	252	753973m	31.30	ng		
89) Benzo(a)pyrene	15.17	252	919650	39.06	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	823040	36.39	ng	#	94
91) Benzo(g,h,i)perylene	16.92	276	811739	34.18	ng	#	90

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

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