Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085446.D
Acq On : 15 Mar 2016 00:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/15/2016 2:09:31 PM

Quant Time: Mar 15 04:05:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	245742	20.00	ng		-0.06
21) Naphthalene-d8	8.22	136	979859	20.00	ng		-0.05
38) Acenaphthene-d10	9.97	164	430829	20.00	ng		-0.06
63) Phenanthrene-d10	11.45	188	767445	20.00	ng		-0.06
75) Chrysene-d12	14.09	240	448310	20.00	ng		-0.06
86) Perylene-d12	15.55	264	409346	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1195881	81.63	ng		-0.06
7) Phenol-d6	6.56	99	1459028	76.01	ng		-0.05
23) Nitrobenzene-d5	7.50	82	1290173	70.46	ng		-0.05
41) 2,4,6-Tribromophenol	10.77	330	352254	95.55	ng		-0.05
44) 2-Fluorobiphenyl	9.29	172	1892260	66.80	ng		-0.06
78) Terphenyl-d14	13.04	244	1727840	89.47	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	283487	37.84	ng		97
3) Pyridine	3.33	79	764569	40.77	ng		100
4) n-Nitrosodimethylamine	3.29	42	305026	38.01	ng		100
6) Aniline	6.60	93	1034176	38.44	ng		95
8) 2-Chlorophenol	6.71	128	639789	36.27	ng		97
9) Benzaldehyde	6.47	77	362809	40.25	ng		99
10) Phenol	6.57	94	760247	36.98	ng		88
11) bis(2-Chloroethyl)ether	6.66	93	619222	36.27	ng		98
12) 1,3-Dichlorobenzene	6.87	146	751481	39.69	ng		98
13) 1,4-Dichlorobenzene	6.94	146	714441	37.65	ng		99
14) 1,2-Dichlorobenzene	7.10	146	633183	36.77	ng		98
15) Benzyl Alcohol	7.08	79	543034	38.54	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	857635	34.85	ng		96
17) 2-Methylphenol	7.19	107	585067	40.65	ng		97
18) Hexachloroethane	7.44	117	269419	38.48	ng		97
19) n-Nitroso-di-n-propylamine	7.35	70	414688	33.15	ng	#	92
20) 3+4-Methylphenols	7.34	107	554633	32.54	ng	#	84
22) Acetophenone	7.34	105	880365	36.81	ng	#	92
24) Nitrobenzene	7.52	77	759496	40.83	ng	#	80
25) Isophorone	7.76	82	1354709	39.92	ng		95
26) 2-Nitrophenol	7.83	139	383704	42.39	ng	#	78
27) 2,4-Dimethylphenol	7.86	122	636254	38.46	ng		94
28) bis(2-Chloroethoxy)methane	7.97	93	825064	43.66	ng		97
29) 2,4-Dichlorophenol	8.07	162	502196	37.64	ng		89
30) 1,2,4-Trichlorobenzene	8.15	180	587470	40.73	ng		99
31) Naphthalene	8.24	128	1912291	39.69	ng		99
32) Benzoic acid	8.01	122	455331	41.44	ng		99
33) 4-Chloroaniline	8.29	127	804408	41.28	ng		95
34) Hexachlorobutadiene	8.36	225	320636	42.72	ng		99
35) Caprolactam	8.68	113	188480	43.26	ng		97
36) 4-Chloro-3-methylphenol	8.77	107	530139	35.03	ng		100
37) 2-Methylnaphthalene	8.93	142	1086586	35.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	566677	45.99	ng	#	97
40) Hexachlorocyclopentadiene	9.08	237	173155	26.06	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	364387	39.73	ng		96
43) 2,4,5-Trichlorophenol	9.25	196	375000	43.12	ng		98
45) 1,1'-Biphenyl	9.40	154	1467663	39.87	ng		96
46) 2-Chloronaphthalene	9.42	162	1051201	37.47	ng		94
47) 2-Nitroaniline	9.51	65	314767	36.20	ng		91
48) Acenaphthylene	9.83	152	1617086	37.03	ng		99
49) Dimethylphthalate	9.69	163	1343750	40.64	ng		98
50) 2,6-Dinitrotoluene	9.76	165	338006	47.78	ng	#	85
51) Acenaphthene	10.00	154	1072412	40.45	ng		99
52) 3-Nitroaniline	9.93	138	373601	44.14	ng		84
53) 2,4-Dinitrophenol	10.02	184	111713	36.02	ng	#	71
54) Dibenzofuran	10.17	168	1269064	36.53	ng		98
55) 4-Nitrophenol	10.08	139	230843	34.71	ng	#	72
56) 2,4-Dinitrotoluene	10.16	165	391230	43.21	ng		97
57) Fluorene	10.52	166	1008901	36.98	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	266690	43.65	ng		93
59) Diethylphthalate	10.39	149	1183967	36.90	ng		96
60) 4-Chlorophenyl-phenylether	10.50	204	528081	39.78	ng		88
61) 4-Nitroaniline	10.54	138	336440	42.50	ng		97
62) Azobenzene	10.66	77	1238776	39.18	ng		96
64) 4,6-Dinitro-2-methylphenol	10.57	198	195152	42.47	ng		98
65) n-Nitrosodiphenylamine	10.63	169	930694	38.99	ng		100
66) 4-Bromophenyl-phenylether	11.00	248	307139	41.22	ng	#	88
67) Hexachlorobenzene	11.06	284	313575	39.44	ng	#	82
68) Atrazine	11.16	200	277808	41.85	ng		98
69) Pentachlorophenol	11.26	266	200365	45.41	ng		99
70) Phenanthrene	11.48	178	1547658	38.48	ng		99
71) Anthracene	11.53	178	1571408	36.80	ng		99
72) Carbazole	11.68	167	1274494	34.04	ng		99
73) Di-n-butylphthalate	12.01	149	1791779	37.86	ng		99
74) Fluoranthene	12.66	202	1296572	32.12	ng		97
76) Benzidine	12.79	184	469647	35.20	ng		99
77) Pyrene	12.89	202	1237076	36.66	ng		100
79) Butylbenzylphthalate	13.51	149	677223	44.23	ng	#	85
80) Benzo(a)anthracene	14.08	228	979110	36.48	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	365165	43.13	ng	#	95
82) Chrysene	14.12	228	769088	31.02	ng		100
83) Bis(2-ethylhexyl)phthalate	14.07	149	863283	42.85	ng	#	96
84) Di-n-octyl phthalate	14.68	149	1201821	39.17	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	1104792	57.10	ng		97
87) Benzo(b)fluoranthene	15.12	252	881409	32.30	ng		98
88) Benzo(k)fluoranthene	15.16	252	934683m	42.47	ng		
89) Benzo(a)pyrene	15.49	252	888822	39.31	ng	#	97
90) Dibenzo(a,h)anthracene	17.02	278	933047	48.34	ng		98
91) Benzo(g,h,i)perylene	17.44	276	899364	46.34	ng		99

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

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