Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085420.D
Acq On : 14 Mar 2016 11:05
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/15/2016 2:09:00 PM

Quant Time: Mar 15 01:13:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 14 14:15:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	232141	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	946307	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	420707	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	808199	20.00	ng		0.00
75) Chrysene-d12	14.09	240	534145	20.00	ng		0.00
86) Perylene-d12	15.55	264	362523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1034580	74.76	ng		0.00
7) Phenol-d6	6.56	99	1360620	75.04	ng		0.00
23) Nitrobenzene-d5	7.50	82	1237740	69.99	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	359431	99.85	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1865331	67.43	ng		0.00
78) Terphenyl-d14	13.04	244	1826756	79.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	263687	37.26	ng		97
3) Pyridine	3.33	79	682597	38.54	ng		97
4) n-Nitrosodimethylamine	3.28	42	294282	38.82	ng		99
6) Aniline	6.60	93	1000856	39.38	ng		96
8) 2-Chlorophenol	6.71	128	601157	36.08	ng		97
9) Benzaldehyde	6.47	77	341504	40.06	ng		99
10) Phenol	6.57	94	719094m	37.03	ng		
11) bis(2-Chloroethyl)ether	6.66	93	601827	37.31	ng		98
12) 1,3-Dichlorobenzene	6.87	146	709171	39.65	ng		98
13) 1,4-Dichlorobenzene	6.95	146	695900m	38.82	ng		
14) 1,2-Dichlorobenzene	7.10	146	608123	37.39	ng		99
15) Benzyl Alcohol	7.08	79	525482	39.48	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	834112	35.88	ng		98
17) 2-Methylphenol	7.18	107	536294	39.45	ng		96
18) Hexachloroethane	7.44	117	259037	39.17	ng		99
19) n-Nitroso-di-n-propylamine	7.35	70	411708	34.84	ng	#	93
20) 3+4-Methylphenols	7.34	107	533383	33.12	ng	#	84
22) Acetophenone	7.34	105	821695	35.57	ng	#	91
24) Nitrobenzene	7.52	77	687079	38.25	ng	#	75
25) Isophorone	7.76	82	1304770	39.81	ng		95
26) 2-Nitrophenol	7.83	139	364992	41.75	ng	#	79
27) 2,4-Dimethylphenol	7.86	122	580544	36.34	ng		94
28) bis(2-Chloroethoxy)methane	7.97	93	777632	42.61	ng		97
29) 2,4-Dichlorophenol	8.07	162	484870	37.63	ng		90
30) 1,2,4-Trichlorobenzene	8.16	180	555374	39.87	ng		95
31) Naphthalene	8.24	128	1828904	39.31	ng		99
32) Benzoic acid	7.99	122	289460	27.28	ng		93
33) 4-Chloroaniline	8.29	127	826977	43.94	ng	#	93
34) Hexachlorobutadiene	8.36	225	301624	41.61	ng		99
35) Caprolactam	8.68	113	169049	40.17	ng		94
36) 4-Chloro-3-methylphenol	8.77	107	537948	36.80	ng		98
37) 2-Methylnaphthalene	8.93	142	1043654	34.95	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	544101	45.22	ng		98
40) Hexachlorocyclopentadiene	9.08	237	248282	38.26	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	353507	39.47	ng		96
43) 2,4,5-Trichlorophenol	9.25	196	381460	44.92	ng		96
45) 1,1'-Biphenyl	9.40	154	1448890	40.31	ng		96
46) 2-Chloronaphthalene	9.42	162	1030635	37.62	ng		94
47) 2-Nitroaniline	9.51	65	318221	37.48	ng		91
48) Acenaphthylene	9.83	152	1606537	37.68	ng		99
49) Dimethylphthalate	9.69	163	1258716	38.98	ng		98
50) 2,6-Dinitrotoluene	9.76	165	320268	46.36	ng	#	74
51) Acenaphthene	10.00	154	1008804	38.96	ng		99
52) 3-Nitroaniline	9.92	138	346179	41.89	ng		83
53) 2,4-Dinitrophenol	10.02	184	90098	31.15	ng	#	66
54) Dibenzofuran	10.17	168	1253063	36.94	ng		97
55) 4-Nitrophenol	10.08	139	244673	37.67	ng	#	75
56) 2,4-Dinitrotoluene	10.16	165	398782	45.11	ng		95
57) Fluorene	10.52	166	984412	36.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	262172	43.95	ng		92
59) Diethylphthalate	10.39	149	1161719	37.07	ng		96
60) 4-Chlorophenyl-phenylether	10.50	204	531106	40.97	ng		90
61) 4-Nitroaniline	10.54	138	334574	43.28	ng		98
62) Azobenzene	10.66	77	1237912	40.10	ng		96
64) 4,6-Dinitro-2-methylphenol	10.57	198	191028	39.48	ng		98
65) n-Nitrosodiphenylamine	10.63	169	925142	36.80	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	313347	39.93	ng	#	83
67) Hexachlorobenzene	11.06	284	329373	39.34	ng	#	79
68) Atrazine	11.16	200	272632	39.00	ng		98
69) Pentachlorophenol	11.26	266	186529	40.14	ng		99
70) Phenanthrene	11.48	178	1677974	39.62	ng		100
71) Anthracene	11.53	178	1572784	34.98	ng		98
72) Carbazole	11.68	167	1424028	36.12	ng		99
73) Di-n-butylphthalate	12.01	149	1770208	35.52	ng		99
74) Fluoranthene	12.66	202	1566569	36.86	ng		96
76) Benzidine	12.79	184	581742	36.59	ng		98
77) Pyrene	12.89	202	1643871	40.89	ng		100
79) Butylbenzylphthalate	13.51	149	734842	40.28	ng		89
80) Benzo(a)anthracene	14.08	228	1208755	37.80	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	442082	43.83	ng	#	98
82) Chrysene	14.13	228	1212338	41.04	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	954754	39.77	ng	#	97
84) Di-n-octyl phthalate	14.68	149	1316955	36.02	ng		99
85) Indeno(1,2,3-cd)pyrene	17.01	276	989045	42.90	ng		97
87) Benzo(b)fluoranthene	15.12	252	844233m	34.94	ng		
88) Benzo(k)fluoranthene	15.16	252	887834m	45.55	ng		
89) Benzo(a)pyrene	15.49	252	795465	39.73	ng	#	98
90) Dibenzo(a,h)anthracene	17.02	278	824879	48.26	ng		98
91) Benzo(g,h,i)perylene	17.44	276	830301	48.31	ng		100

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

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