Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087650.D
Acq On : 4 Jun 2016 4:20
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
SOHIL
6/6/2016 7:17:55 PM

Quant Time: Jun 04 06:09:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 05:48:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	111718	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	457234	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	213147	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	387407	20.00	ng		0.00
75) Chrysene-d12	14.02	240	304409	20.00	ng		0.00
86) Perylene-d12	15.44	264	255073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	577092	89.77	ng		0.00
7) Phenol-d6	6.49	99	714255	82.70	ng		0.00
23) Nitrobenzene-d5	7.43	82	614738	69.95	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	164175	80.58	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1174916	77.82	ng		0.00
78) Terphenyl-d14	12.97	244	921501	66.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	137307	40.64	ng	#	28
3) Pyridine	3.20	79	367743	48.89	ng		100
4) n-Nitrosodimethylamine	3.14	42	152693	28.72	ng		100
6) Aniline	6.52	93	496251	44.20	ng		100
8) 2-Chlorophenol	6.64	128	302508	38.45	ng		100
9) Benzaldehyde	6.41	77	243698	47.98	ng		100
10) Phenol	6.50	94	434751	44.82	ng		100
11) bis(2-Chloroethyl)ether	6.59	93	262873	35.23	ng		100
12) 1,3-Dichlorobenzene	6.80	146	318338	37.18	ng		100
13) 1,4-Dichlorobenzene	6.88	146	335079	37.99	ng		100
14) 1,2-Dichlorobenzene	7.04	146	307141	37.62	ng		100
15) Benzyl Alcohol	7.00	79	269606	43.02	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	411152	25.43	ng		100
17) 2-Methylphenol	7.11	107	255768	40.19	ng		100
18) Hexachloroethane	7.38	117	122035	37.23	ng		100
19) n-Nitroso-di-n-propylamine	7.28	70	198497	31.94	ng		100
20) 3+4-Methylphenols	7.27	107	294183	38.83	ng		100
22) Acetophenone	7.28	105	437181	40.07	ng		100
24) Nitrobenzene	7.45	77	340133	36.31	ng		100
25) Isophorone	7.69	82	568317	35.61	ng		100
26) 2-Nitrophenol	7.76	139	141384	37.01	ng		100
27) 2,4-Dimethylphenol	7.80	122	313464	45.28	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	351906	38.55	ng		100
29) 2,4-Dichlorophenol	8.00	162	244486	40.20	ng		100
30) 1,2,4-Trichlorobenzene	8.09	180	260210	37.51	ng		100
31) Naphthalene	8.17	128	878602	38.47	ng		100
32) Benzoic acid	7.91	122	202507	57.44	ng		100
33) 4-Chloroaniline	8.22	127	372949	43.72	ng		100
34) Hexachlorobutadiene	8.30	225	139348	33.59	ng		100
35) Caprolactam	8.59	113	81463	44.93	ng		100
36) 4-Chloro-3-methylphenol	8.70	107	268828	39.30	ng		100
37) 2-Methylnaphthalene	8.87	142	576170	40.16	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	237060	35.41	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	133830	57.21	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	177660	44.61	ng		100
43) 2,4,5-Trichlorophenol	9.18	196	178454	43.95	ng		100
45) 1,1'-Biphenyl	9.32	154	647074	36.40	ng		100
46) 2-Chloronaphthalene	9.35	162	504755	37.15	ng		100
47) 2-Nitroaniline	9.44	65	147321	31.10	ng		100
48) Acenaphthylene	9.76	152	850119	39.18	ng		100
49) Dimethylphthalate	9.63	163	656434	38.67	ng		100
50) 2,6-Dinitrotoluene	9.69	165	155130	44.33	ng		100
51) Acenaphthene	9.94	154	551569	40.87	ng		100
52) 3-Nitroaniline	9.85	138	144972	41.04	ng		100
53) 2,4-Dinitrophenol	9.95	184	65014	44.59	ng		100
54) Dibenzofuran	10.11	168	781571	42.57	ng		100
55) 4-Nitrophenol	10.00	139	117401	62.26	ng		100
56) 2,4-Dinitrotoluene	10.09	165	202442	43.71	ng		100
57) Fluorene	10.44	166	534594	34.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	137047	44.14	ng	#	54
59) Diethylphthalate	10.33	149	609195	37.03	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	237331	32.00	ng		100
61) 4-Nitroaniline	10.47	138	172687	51.02	ng		100
62) Azobenzene	10.60	77	654349	39.00	ng		100
64) 4,6-Dinitro-2-methylphenol	10.49	198	85369	36.15	ng		100
65) n-Nitrosodiphenylamine	10.56	169	491501	39.47	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	167440	39.67	ng		100
67) Hexachlorobenzene	10.99	284	163475	37.37	ng		100
68) Atrazine	11.10	200	158108	39.79	ng		100
69) Pentachlorophenol	11.19	266	113769	80.03	ng		100
70) Phenanthrene	11.41	178	776045	36.62	ng		100
71) Anthracene	11.46	178	895261	41.06	ng		100
72) Carbazole	11.61	167	755774	40.83	ng		100
73) Di-n-butylphthalate	11.95	149	912707	38.72	ng		100
74) Fluoranthene	12.59	202	852559	39.82	ng		100
76) Benzidine	12.72	184	552905	63.61	ng		100
77) Pyrene	12.82	202	874556	39.99	ng		100
79) Butylbenzylphthalate	13.45	149	399897	41.43	ng		100
80) Benzo(a)anthracene	14.01	228	708569	40.85	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	216948	24.09	ng		100
82) Chrysene	14.05	228	695176	40.24	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	467558	33.96	ng		100
84) Di-n-octyl phthalate	14.63	149	833879	39.23	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	590753	42.63	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	681919	42.15	ng		100
88) Benzo(k)fluoranthene	15.06	252	525540m	37.13	ng		
89) Benzo(a)pyrene	15.38	252	573883	40.64	ng		100
90) Dibenzo(a,h)anthracene	16.86	278	489438	40.84	ng		100
91) Benzo(g,h,i)perylene	17.26	276	494438	41.68	ng		100

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

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