Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
Data File : BF080383.D
Acq On : 7 Jul 2015 20:58
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
7/8/2015 4:27:07 PM

Quant Time: Jul 08 03:21:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	47199	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	177468	20.00	ng		0.00
38) Acenaphthene-d10	10.29	164	85360	20.00	ng		0.00
63) Phenanthrene-d10	11.79	188	172992	20.00	ng		0.00
75) Chrysene-d12	14.64	240	190762	20.00	ng		-0.10
86) Perylene-d12	16.41	264	188153	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	206824	80.25	ng		0.00
7) Phenol-d6	6.83	99	268031	78.46	ng		0.00
23) Nitrobenzene-d5	7.79	82	257469	84.62	ng		0.00
41) 2,4,6-Tribromophenol	11.08	330	73946	82.79	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	516774	81.70	ng		0.00
78) Terphenyl-d14	13.43	244	668034	81.68	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	53056	43.60	ng		96
3) Pyridine	3.86	79	111213	35.92	ng		96
4) n-Nitrosodimethylamine	3.77	42	64648	44.43	ng		94
6) Aniline	6.89	93	187491	39.64	ng		100
8) 2-Chlorophenol	7.01	128	120088	40.20	ng		100
9) Benzaldehyde	6.77	77	77538	40.81	ng		98
10) Phenol	6.85	94	140084	37.82	ng		98
11) bis(2-Chloroethyl)ether	6.94	93	110588	39.57	ng		98
12) 1,3-Dichlorobenzene	7.17	146	145276	39.61	ng		99
13) 1,4-Dichlorobenzene	7.24	146	138053m	40.31	ng		
14) 1,2-Dichlorobenzene	7.40	146	141782	40.90	ng		98
15) Benzyl Alcohol	7.36	79	111742	42.26	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.49	45	181387	40.14	ng		99
17) 2-Methylphenol	7.46	107	95563m	41.27	ng		
18) Hexachloroethane	7.74	117	43249	39.30	ng	#	61
19) n-Nitroso-di-n-propylamine	7.63	70	87094	39.29	ng		97
20) 3+4-Methylphenols	7.62	107	130903	40.56	ng		97
22) Acetophenone	7.63	105	172286	42.08	ng		99
24) Nitrobenzene	7.80	77	126392	41.35	ng		99
25) Isophorone	8.04	82	248011	42.35	ng		98
26) 2-Nitrophenol	8.13	139	54605	41.28	ng		98
27) 2,4-Dimethylphenol	8.16	122	101905	39.16	ng		99
28) bis(2-Chloroethoxy)methane	8.25	93	151436	41.63	ng		99
29) 2,4-Dichlorophenol	8.37	162	93992	40.68	ng		97
30) 1,2,4-Trichlorobenzene	8.46	180	112147	40.84	ng		97
31) Naphthalene	8.54	128	366459	40.26	ng		100
32) Benzoic acid	8.22	122	65569	47.20	ng		94
33) 4-Chloroaniline	8.58	127	151070m	41.63	ng		
34) Hexachlorobutadiene	8.66	225	70427	42.16	ng		99
35) Caprolactam	8.92	113	28688	40.20	ng		96
36) 4-Chloro-3-methylphenol	9.05	107	96345	40.41	ng		100
37) 2-Methylnaphthalene	9.23	142	234717	40.44	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	109951	40.64	ng		98
40) Hexachlorocyclopentadiene	9.39	237	31345	32.47	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	71024	39.86	ng		99
43) 2,4,5-Trichlorophenol	9.55	196	88134	42.43	ng		98
45) 1,1'-Biphenyl	9.70	154	311671	41.14	ng		98
46) 2-Chloronaphthalene	9.73	162	231978	40.16	ng		99
47) 2-Nitroaniline	9.81	65	71848	44.45	ng		96
48) Acenaphthylene	10.14	152	390579	40.62	ng		100
49) Dimethylphthalate	9.98	163	259005	37.79	ng		100
50) 2,6-Dinitrotoluene	10.05	165	60580	42.28	ng		96
51) Acenaphthene	10.32	154	232391	40.37	ng		95
52) 3-Nitroaniline	10.22	138	69832	43.25	ng		98
53) 2,4-Dinitrophenol	10.33	184	15350	29.92	ng	#	1
54) Dibenzofuran	10.50	168	322320	39.38	ng		98
55) 4-Nitrophenol	10.37	139	48213	40.74	ng		99
56) 2,4-Dinitrotoluene	10.46	165	74572	40.47	ng		93
57) Fluorene	10.84	166	288024	40.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	65373	39.29	ng		99
59) Diethylphthalate	10.69	149	286722	41.88	ng		99
60) 4-Chlorophenyl-phenylether	10.83	204	124076	39.78	ng		97
61) 4-Nitroaniline	10.84	138	66173	42.22	ng		97
62) Azobenzene	10.99	77	262629	40.39	ng		96
64) 4,6-Dinitro-2-methylphenol	10.88	198	32853	34.32	ng		91
65) n-Nitrosodiphenylamine	10.94	169	228051	41.39	ng		99
66) 4-Bromophenyl-phenylether	11.32	248	84002	42.39	ng	#	91
67) Hexachlorobenzene	11.40	284	84063	40.44	ng		95
68) Atrazine	11.46	200	78774	48.02	ng		97
69) Pentachlorophenol	11.58	266	36914	35.91	ng		92
70) Phenanthrene	11.81	178	444169	42.81	ng		99
71) Anthracene	11.86	178	409547	40.25	ng		100
72) Carbazole	12.01	167	383565	40.42	ng		98
73) Di-n-butylphthalate	12.34	149	441241	40.65	ng		98
74) Fluoranthene	13.04	202	473304	42.45	ng		98
76) Benzidine	13.15	184	236049	48.79	ng		98
77) Pyrene	13.28	202	469313	40.67	ng		99
79) Butylbenzylphthalate	13.94	149	188233	40.88	ng	#	81
80) Benzo(a)anthracene	14.63	228	477724	41.55	ng		100
81) 3,3'-Dichlorobenzidine	14.57	252	157982	41.44	ng	#	97
82) Chrysene	14.66	228	431444	40.11	ng		100
83) Bis(2-ethylhexyl)phthalate	14.59	149	300589	42.83	ng	#	97
84) Di-n-octyl phthalate	15.36	149	486588	41.97	ng		100
85) Indeno(1,2,3-cd)pyrene	18.17	276	543929	43.00	ng		99
87) Benzo(b)fluoranthene	15.89	252	516277	43.66	ng		100
88) Benzo(k)fluoranthene	15.93	252	404716	36.16	ng		99
89) Benzo(a)pyrene	16.33	252	440668	40.75	ng	#	97
90) Dibenzo(a,h)anthracene	18.19	278	441636	41.47	ng		98
91) Benzo(g,h,i)perylene	18.69	276	438126	40.57	ng		98

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

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