Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079739.D
Acq On : 5 Jun 2015 20:21
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
apatel
6/9/2015 8:09:09 AM

Quant Time: Jun 06 12:06:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 11:09:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	51245	20.00	ng		0.00
21) Naphthalene-d8	8.79	136	210351	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	106510	20.00	ng		0.00
63) Phenanthrene-d10	12.10	188	224911	20.00	ng		0.00
75) Chrysene-d12	15.36	240	239242	20.00	ng		0.00
86) Perylene-d12	17.47	264	219810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	61928	20.74	ng		0.00
7) Phenol-d6	7.08	99	75711	19.40	ng		0.00
23) Nitrobenzene-d5	8.04	82	66171	19.34	ng		0.00
41) 2,4,6-Tribromophenol	11.36	330	17847	18.43	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	164647	22.00	ng		0.00
78) Terphenyl-d14	13.93	244	217902	21.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	12878	9.56	ng		93
3) Pyridine	4.30	79	34266	9.03	ng		95
4) n-Nitrosodimethylamine	4.19	42	16212	9.37	ng	#	99
6) Aniline	7.14	93	60052	11.11	ng		97
8) 2-Chlorophenol	7.27	128	33364	9.80	ng		93
9) Benzaldehyde	7.04	77	26388	10.77	ng	#	78
10) Phenol	7.10	94	41546	10.22	ng		95
11) bis(2-Chloroethyl)ether	7.20	93	35243	10.61	ng		97
12) 1,3-Dichlorobenzene	7.44	146	41913m	10.68	ng		
13) 1,4-Dichlorobenzene	7.51	146	44952	10.76	ng		97
14) 1,2-Dichlorobenzene	7.67	146	41885	11.28	ng		96
15) Benzyl Alcohol	7.61	79	31465	10.68	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.75	45	51039	9.37	ng		98
17) 2-Methylphenol	7.71	107	31824	11.25	ng		95
18) Hexachloroethane	8.02	117	12636	9.80	ng	#	68
19) n-Nitroso-di-n-propylamine	7.87	70	29989	11.18	ng		95
20) 3+4-Methylphenols	7.86	107	40436	10.59	ng		95
22) Acetophenone	7.88	105	53620	10.55	ng	#	98
24) Nitrobenzene	8.06	77	31141	8.79	ng		99
25) Isophorone	8.30	82	74701	10.00	ng		98
26) 2-Nitrophenol	8.39	139	12099	9.14	ng	#	92
27) 2,4-Dimethylphenol	8.40	122	35205m	10.36	ng		
28) bis(2-Chloroethoxy)methane	8.50	93	44251	10.46	ng	#	98
29) 2,4-Dichlorophenol	8.63	162	28545	9.71	ng		90
30) 1,2,4-Trichlorobenzene	8.72	180	36873	10.43	ng		95
31) Naphthalene	8.81	128	111925	9.72	ng		98
32) Benzoic acid	8.43	122	6528m	5.22	ng		
33) 4-Chloroaniline	8.83	127	57662	12.21	ng	#	92
34) Hexachlorobutadiene	8.92	225	22539	10.87	ng		96
35) Caprolactam	9.16	113	8382	9.40	ng	#	75
36) 4-Chloro-3-methylphenol	9.30	107	32429	10.39	ng		86
37) 2-Methylnaphthalene	9.51	142	70851	9.21	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.67	216	33173	9.73	ng		96
40) Hexachlorocyclopentadiene	9.66	237	11489	7.57	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.77	196	21455	10.13	ng		95
43) 2,4,5-Trichlorophenol	9.82	196	22523	9.37	ng	#	86
45) 1,1'-Biphenyl	9.96	154	93992	10.90	ng		96
46) 2-Chloronaphthalene	10.00	162	78151	11.09	ng		94
47) 2-Nitroaniline	10.08	65	12015	7.94	ng	#	76
48) Acenaphthylene	10.42	152	130129	10.84	ng		99
49) Dimethylphthalate	10.25	163	80222	9.78	ng	#	96
50) 2,6-Dinitrotoluene	10.31	165	9983	7.07	ng	#	67
51) Acenaphthene	10.59	154	73634	10.54	ng		99
52) 3-Nitroaniline	10.49	138	13165	8.00	ng	#	85
53) 2,4-Dinitrophenol	10.59	184	1822	6.12	ng	#	1
54) Dibenzofuran	10.76	168	102544	10.20	ng		95
55) 4-Nitrophenol	10.63	139	10569	7.78	ng	#	80
56) 2,4-Dinitrotoluene	10.72	165	10323	6.14	ng	#	39
57) Fluorene	11.12	166	90771	10.55	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.88	232	17271	9.44	ng		98
59) Diethylphthalate	10.96	149	81031	9.89	ng		94
60) 4-Chlorophenyl-phenylether	11.10	204	39734	10.46	ng		97
61) 4-Nitroaniline	11.11	138	13229	7.67	ng		94
62) Azobenzene	11.26	77	76588	9.66	ng		98
64) 4,6-Dinitro-2-methylphenol	11.14	198	3553	6.45	ng		85
65) n-Nitrosodiphenylamine	11.21	169	77171	10.85	ng		97
66) 4-Bromophenyl-phenylether	11.61	248	26114	10.97	ng	#	83
67) Hexachlorobenzene	11.69	284	26660	10.00	ng	#	66
68) Atrazine	11.74	200	20743	8.93	ng		92
69) Pentachlorophenol	11.88	266	8871	7.08	ng		96
70) Phenanthrene	12.14	178	130524	10.04	ng		97
71) Anthracene	12.18	178	129557	10.05	ng		97
72) Carbazole	12.34	167	127138	10.59	ng		97
73) Di-n-butylphthalate	12.69	149	135515	9.50	ng	#	82
74) Fluoranthene	13.49	202	142426	10.02	ng		97
76) Benzidine	13.61	184	72816	10.26	ng		98
77) Pyrene	13.77	202	152115	10.26	ng		97
79) Butylbenzylphthalate	14.54	149	55919	9.79	ng		95
80) Benzo(a)anthracene	15.35	228	147686	10.15	ng		96
81) 3,3'-Dichlorobenzidine	15.28	252	47498	9.53	ng	#	98
82) Chrysene	15.39	228	135166	9.92	ng		98
83) Bis(2-ethylhexyl)phthalate	15.33	149	88528	9.91	ng	#	97
84) Di-n-octyl phthalate	16.25	149	157323	10.40	ng		100
85) Indeno(1,2,3-cd)pyrene	19.51	276	151165	9.83	ng		99
87) Benzo(b)fluoranthene	16.87	252	132446m	9.38	ng		
88) Benzo(k)fluoranthene	16.91	252	136986	10.12	ng		98
89) Benzo(a)pyrene	17.38	252	125946	9.74	ng		99
90) Dibenzo(a,h)anthracene	19.54	278	118869	9.93	ng		99
91) Benzo(g,h,i)perylene	20.13	276	127395	10.41	ng		98

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

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