Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080995.D
Acq On : 14 Aug 2015 00:19
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:09:46 PM

Quant Time: Aug 14 02:58:03 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	34499	20.00	ng		-0.06
21) Naphthalene-d8	8.04	136	196122	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	87843	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	134265	20.00	ng		-0.06
75) Chrysene-d12	13.89	240	108312	20.00	ng		-0.07
86) Perylene-d12	15.28	264	45726	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	178140	84.37	ng		-0.05
7) Phenol-d6	6.40	99	268070	92.65	ng		-0.05
23) Nitrobenzene-d5	7.32	82	232454	56.06	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	50905	52.75	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	460163	73.75	ng		-0.06
78) Terphenyl-d14	12.85	244	507908	96.86	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	37702	37.64	ng	#	89
3) Pyridine	2.94	79	144495	50.88	ng	#	82
4) n-Nitrosodimethylamine	2.91	42	96866	66.81	ng	#	78
6) Aniline	6.42	93	185744	43.69	ng		99
8) 2-Chlorophenol	6.53	128	97325	39.83	ng	#	82
9) Benzaldehyde	6.29	77	84317	43.23	ng		97
10) Phenol	6.41	94	166808	48.59	ng	#	62
11) bis(2-Chloroethyl)ether	6.50	93	106455	41.53	ng		93
12) 1,3-Dichlorobenzene	6.69	146	118209m	45.59	ng		
13) 1,4-Dichlorobenzene	6.77	146	119578	44.38	ng		97
14) 1,2-Dichlorobenzene	6.92	146	103128	42.34	ng		95
15) Benzyl Alcohol	6.90	79	114278	48.26	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.04	45	238786	46.31	ng		99
17) 2-Methylphenol	7.01	107	92747	44.47	ng	#	88
18) Hexachloroethane	7.26	117	42817	41.48	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	101001	47.76	ng		93
20) 3+4-Methylphenols	7.17	107	114411	43.67	ng		96
22) Acetophenone	7.17	105	167312	34.82	ng	#	99
24) Nitrobenzene	7.34	77	162024	37.95	ng		94
25) Isophorone	7.58	82	291873	36.60	ng	#	93
26) 2-Nitrophenol	7.65	139	67213	37.42	ng	#	77
27) 2,4-Dimethylphenol	7.70	122	121992	36.28	ng		90
28) bis(2-Chloroethoxy)methane	7.80	93	195958	40.94	ng		97
29) 2,4-Dichlorophenol	7.90	162	108549	39.28	ng		91
30) 1,2,4-Trichlorobenzene	7.98	180	127650	42.26	ng		97
31) Naphthalene	8.06	128	447884	41.43	ng		100
32) Benzoic acid	7.82	122	76661	38.08	ng		91
33) 4-Chloroaniline	8.11	127	154182	35.09	ng	#	92
34) Hexachlorobutadiene	8.18	225	66618	37.07	ng		97
35) Caprolactam	8.50	113	26679	26.84	ng	#	54
36) 4-Chloro-3-methylphenol	8.60	107	113986	33.80	ng		96
37) 2-Methylnaphthalene	8.75	142	225891	32.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	100346	37.05	ng		98
40) Hexachlorocyclopentadiene	8.91	237	20831	14.10	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	58704	29.58	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	81430	40.71	ng	#	85
45) 1,1'-Biphenyl	9.22	154	280826	37.25	ng		100
46) 2-Chloronaphthalene	9.24	162	209208	35.59	ng		99
47) 2-Nitroaniline	9.33	65	73677	31.26	ng		88
48) Acenaphthylene	9.65	152	440042	43.06	ng		100
49) Dimethylphthalate	9.53	163	315808	43.28	ng		98
50) 2,6-Dinitrotoluene	9.58	165	68264	45.28	ng	#	66
51) Acenaphthene	9.82	154	258726	41.34	ng		99
52) 3-Nitroaniline	9.74	138	64347	34.62	ng		89
53) 2,4-Dinitrophenol	9.85	184	14333	20.59	ng	#	68
54) Dibenzofuran	10.00	168	293767	34.71	ng		99
55) 4-Nitrophenol	9.90	139	40013	28.76	ng	#	29
56) 2,4-Dinitrotoluene	9.98	165	70992	35.19	ng		88
57) Fluorene	10.34	166	232806	35.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	43982m	27.79	ng		
59) Diethylphthalate	10.22	149	238321	31.38	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	91140	28.57	ng		97
61) 4-Nitroaniline	10.36	138	62344	32.60	ng		90
62) Azobenzene	10.49	77	285826	33.65	ng		95
64) 4,6-Dinitro-2-methylphenol	10.38	198	22867	27.48	ng	#	55
65) n-Nitrosodiphenylamine	10.45	169	257358	55.17	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	57325	40.31	ng		93
67) Hexachlorobenzene	10.88	284	48754	30.84	ng	#	46
68) Atrazine	10.98	200	49463	36.17	ng		99
69) Pentachlorophenol	11.07	266	37380	40.66	ng		97
70) Phenanthrene	11.29	178	255941	33.66	ng		98
71) Anthracene	11.34	178	308578	41.00	ng		99
72) Carbazole	11.49	167	250118	34.13	ng	#	97
73) Di-n-butylphthalate	11.84	149	358183	39.09	ng		99
74) Fluoranthene	12.48	202	381681	46.44	ng		93
76) Benzidine	12.60	184	188756	40.44	ng		97
77) Pyrene	12.69	202	341600	42.69	ng		99
79) Butylbenzylphthalate	13.32	149	173609	45.01	ng	#	70
80) Benzo(a)anthracene	13.88	228	278707	40.74	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	93872	37.72	ng	#	97
82) Chrysene	13.92	228	258069	39.39	ng		100
83) Bis(2-ethylhexyl)phthalate	13.88	149	232608	43.34	ng	#	93
84) Di-n-octyl phthalate	14.50	149	348346	38.28	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	110955	17.80	ng		97
87) Benzo(b)fluoranthene	14.89	252	207267m	65.19	ng		
88) Benzo(k)fluoranthene	14.92	252	211956m	76.20	ng		
89) Benzo(a)pyrene	15.22	252	165767	60.66	ng	#	97
90) Dibenzo(a,h)anthracene	16.61	278	93903	38.85	ng		98
91) Benzo(g,h,i)perylene	16.99	276	82931	35.28	ng		95

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

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