Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
Data File : BF081183.D
Acq On : 24 Aug 2015 23:06
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
8/25/2015 12:39:19 PM

Quant Time: Aug 24 23:49:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	65570	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	266244	20.00	ng		0.00
38) Acenaphthene-d10	9.57	164	113447	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	236627	20.00	ng		0.00
75) Chrysene-d12	13.66	240	201971	20.00	ng		0.00
86) Perylene-d12	14.99	264	147062	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	355909	81.64	ng		0.00
7) Phenol-d6	6.20	99	492684	86.62	ng		0.00
23) Nitrobenzene-d5	7.12	82	480470	82.44	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	77632	78.94	ng		0.00
44) 2-Fluorobiphenyl	8.90	172	618098	71.39	ng		0.00
78) Terphenyl-d14	12.62	244	626357	66.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.94	88	86948	42.33	ng	#	91
3) Pyridine	2.55	79	218660	37.71	ng	#	78
4) n-Nitrosodimethylamine	2.52	42	134774	41.75	ng	#	72
6) Aniline	6.21	93	330933	40.01	ng	#	34
8) 2-Chlorophenol	6.32	128	195673	41.01	ng		97
9) Benzaldehyde	6.08	77	149089	40.66	ng		94
10) Phenol	6.21	94	304546	45.34	ng		96
11) bis(2-Chloroethyl)ether	6.29	93	184891	35.87	ng		91
12) 1,3-Dichlorobenzene	6.48	146	216714	42.27	ng		99
13) 1,4-Dichlorobenzene	6.56	146	219729	43.28	ng		99
14) 1,2-Dichlorobenzene	6.71	146	181464	38.19	ng		99
15) Benzyl Alcohol	6.70	79	174591	37.94	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	378287	37.35	ng		99
17) 2-Methylphenol	6.82	107	173014	42.26	ng		93
18) Hexachloroethane	7.05	117	80892	39.43	ng		98
19) n-Nitroso-di-n-propylamine	6.97	70	157185	39.89	ng		94
20) 3+4-Methylphenols	6.97	107	207072	39.85	ng	#	72
22) Acetophenone	6.96	105	259753	37.16	ng	#	90
24) Nitrobenzene	7.13	77	216094	35.46	ng		95
25) Isophorone	7.38	82	415727	38.25	ng	#	94
26) 2-Nitrophenol	7.45	139	107796	42.54	ng	#	76
27) 2,4-Dimethylphenol	7.51	122	169231	37.75	ng		84
28) bis(2-Chloroethoxy)methane	7.60	93	258538	40.26	ng		98
29) 2,4-Dichlorophenol	7.69	162	142926	37.87	ng		89
30) 1,2,4-Trichlorobenzene	7.77	180	154724	36.88	ng		96
31) Naphthalene	7.85	128	602984	40.63	ng		99
32) Benzoic acid	7.64	122	84334	33.44	ng		90
33) 4-Chloroaniline	7.91	127	250589	40.02	ng	#	91
34) Hexachlorobutadiene	7.98	225	93921	39.59	ng		98
35) Caprolactam	8.29	113	49650	37.64	ng	#	83
36) 4-Chloro-3-methylphenol	8.40	107	185995	41.35	ng		98
37) 2-Methylnaphthalene	8.54	142	336337	35.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	152369	41.63	ng		99
40) Hexachlorocyclopentadiene	8.70	237	67890	35.84	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.82	196	108851	42.09	ng		99
43) 2,4,5-Trichlorophenol	8.86	196	102969	39.84	ng	#	86
45) 1,1'-Biphenyl	9.01	154	435621	43.59	ng		97
46) 2-Chloronaphthalene	9.03	162	309329	38.53	ng		96
47) 2-Nitroaniline	9.12	65	125381	38.17	ng		99
48) Acenaphthylene	9.43	152	499700	34.80	ng		99
49) Dimethylphthalate	9.32	163	331602	35.49	ng		99
50) 2,6-Dinitrotoluene	9.37	165	79810	39.79	ng	#	80
51) Acenaphthene	9.60	154	293843	34.18	ng		98
52) 3-Nitroaniline	9.53	138	98842	39.38	ng		99
53) 2,4-Dinitrophenol	9.65	184	37435	38.71	ng	#	51
54) Dibenzofuran	9.77	168	406404	35.28	ng		92
55) 4-Nitrophenol	9.70	139	67729	38.42	ng	#	81
56) 2,4-Dinitrotoluene	9.77	165	109718	41.27	ng	#	77
57) Fluorene	10.12	166	336564	37.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.90	232	80332m	40.16	ng		
59) Diethylphthalate	10.01	149	389129	39.35	ng		96
60) 4-Chlorophenyl-phenylether	10.12	204	149390	39.83	ng		97
61) 4-Nitroaniline	10.15	138	119148	46.44	ng		90
62) Azobenzene	10.28	77	471288	41.36	ng		93
64) 4,6-Dinitro-2-methylphenol	10.17	198	49894	35.31	ng		93
65) n-Nitrosodiphenylamine	10.24	169	326565	38.66	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	80443	34.61	ng	#	66
67) Hexachlorobenzene	10.65	284	89261	37.92	ng	#	74
68) Atrazine	10.77	200	79044	33.59	ng		98
69) Pentachlorophenol	10.85	266	48780	34.53	ng		99
70) Phenanthrene	11.06	178	509442	36.33	ng		98
71) Anthracene	11.12	178	523583	38.37	ng		98
72) Carbazole	11.28	167	514954	39.19	ng		97
73) Di-n-butylphthalate	11.63	149	607609	38.22	ng		99
74) Fluoranthene	12.24	202	605264	40.00	ng		95
76) Benzidine	12.37	184	252741	33.13	ng		99
77) Pyrene	12.46	202	582191	35.46	ng		99
79) Butylbenzylphthalate	13.10	149	254960	36.13	ng	#	66
80) Benzo(a)anthracene	13.65	228	578852	42.74	ng		99
81) 3,3'-Dichlorobenzidine	13.63	252	182468	41.59	ng	#	96
82) Chrysene	13.68	228	390770	32.01	ng		100
83) Bis(2-ethylhexyl)phthalate	13.67	149	362355	40.08	ng		99
84) Di-n-octyl phthalate	14.28	149	620380	45.15	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	365043	42.59	ng	#	94
87) Benzo(b)fluoranthene	14.64	252	497946m	47.87	ng		
88) Benzo(k)fluoranthene	14.67	252	336122m	34.68	ng		
89) Benzo(a)pyrene	14.94	252	378422	41.75	ng		98
90) Dibenzo(a,h)anthracene	16.19	278	299050	42.34	ng		98
91) Benzo(g,h,i)perylene	16.52	276	301410	42.07	ng	#	91

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

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