Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086957.D
Acq On : 13 May 2016 5:43
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
5/13/2016 8:09:00 PM

Quant Time: May 13 16:07:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	173408	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	640550	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	242271	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	389330	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	357390	20.00	ng		0.00
86) Perylene-d12	15.13	264	314688	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	828230	80.89	ng		0.00
7) Phenol-d6	6.30	99	987829	72.18	ng		0.00
23) Nitrobenzene-d5	7.20	82	1105719	86.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	177879	69.35	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1340918	93.02	ng		0.00
78) Terphenyl-d14	12.72	244	1086780	64.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.07	88	217476	43.26	ng	#	71
3) Pyridine	2.71	79	514138	41.84	ng	#	64
4) n-Nitrosodimethylamine	2.67	42	372990	41.85	ng	#	48
6) Aniline	6.30	93	648813	39.20	ng		89
8) 2-Chlorophenol	6.42	128	484419	39.21	ng		97
9) Benzaldehyde	6.17	77	300790	37.96	ng		98
10) Phenol	6.31	94	594650	36.56	ng		74
11) bis(2-Chloroethyl)ether	6.38	93	525671	41.45	ng		92
12) 1,3-Dichlorobenzene	6.56	146	502096	37.55	ng	#	90
13) 1,4-Dichlorobenzene	6.64	146	502075m	36.82	ng		
14) 1,2-Dichlorobenzene	6.80	146	493884m	41.56	ng		
15) Benzyl Alcohol	6.79	79	348784	36.91	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1012348	36.71	ng		56
17) 2-Methylphenol	6.91	107	360867	36.70	ng	#	80
18) Hexachloroethane	7.13	117	161227	31.43	ng		95
19) n-Nitroso-di-n-propylamine	7.06	70	379779	39.71	ng	#	70
20) 3+4-Methylphenols	7.07	107	478602	37.27	ng	#	60
22) Acetophenone	7.05	105	640741	42.35	ng	#	98
24) Nitrobenzene	7.22	77	542375	41.33	ng		97
25) Isophorone	7.46	82	916827	38.74	ng		98
26) 2-Nitrophenol	7.54	139	208200	36.09	ng		96
27) 2,4-Dimethylphenol	7.60	122	412861	42.02	ng		92
28) bis(2-Chloroethoxy)methane	7.68	93	538832	42.21	ng		98
29) 2,4-Dichlorophenol	7.79	162	334765	38.71	ng		95
30) 1,2,4-Trichlorobenzene	7.86	180	404811	41.86	ng		99
31) Naphthalene	7.94	128	1232099	38.40	ng		100
32) Benzoic acid	7.74	122	152009	26.34	ng	#	81
33) 4-Chloroaniline	8.00	127	491654	39.44	ng	#	92
34) Hexachlorobutadiene	8.06	225	238589	42.52	ng		96
35) Caprolactam	8.39	113	108384	36.83	ng	#	68
36) 4-Chloro-3-methylphenol	8.50	107	373288	35.59	ng		98
37) 2-Methylnaphthalene	8.63	142	768138	40.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	317139	45.02	ng		100
40) Hexachlorocyclopentadiene	8.78	237	13486	4.03	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	195587	41.52	ng		94
43) 2,4,5-Trichlorophenol	8.96	196	205258	42.14	ng	#	92
45) 1,1'-Biphenyl	9.10	154	882346	45.79	ng		99
46) 2-Chloronaphthalene	9.11	162	663085	43.92	ng	#	91
47) 2-Nitroaniline	9.22	65	266060	48.22	ng	#	79
48) Acenaphthylene	9.52	152	917216	41.30	ng		98
49) Dimethylphthalate	9.40	163	835839	45.22	ng		99
50) 2,6-Dinitrotoluene	9.46	165	142358	36.60	ng	#	77
51) Acenaphthene	9.69	154	555791	40.23	ng		98
52) 3-Nitroaniline	9.63	138	185374	45.27	ng		88
53) 2,4-Dinitrophenol	9.75	184	4996	9.96	ng	#	38
54) Dibenzofuran	9.86	168	721213	40.67	ng		93
55) 4-Nitrophenol	9.83	139	79768m	32.11	ng		
56) 2,4-Dinitrotoluene	9.86	165	155995	32.41	ng	#	55
57) Fluorene	10.20	166	570817	37.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	129386	35.28	ng		99
59) Diethylphthalate	10.09	149	707970	39.31	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	311285	48.14	ng		90
61) 4-Nitroaniline	10.25	138	180816	45.97	ng		88
62) Azobenzene	10.36	77	760724	39.15	ng		88
64) 4,6-Dinitro-2-methylphenol	10.27	198	12877	5.32	ng	#	52
65) n-Nitrosodiphenylamine	10.33	169	552138	46.16	ng		100
66) 4-Bromophenyl-phenylether	10.68	248	169085	42.84	ng	#	88
67) Hexachlorobenzene	10.75	284	194436	42.15	ng	#	87
68) Atrazine	10.86	200	128874	32.25	ng		94
69) Pentachlorophenol	10.96	266	91867	43.09	ng		97
70) Phenanthrene	11.16	178	876859	42.20	ng		100
71) Anthracene	11.21	178	835921	39.34	ng		100
72) Carbazole	11.38	167	779146	42.65	ng		98
73) Di-n-butylphthalate	11.71	149	1018421	45.66	ng		99
74) Fluoranthene	12.34	202	881913	41.27	ng		98
76) Benzidine	12.48	184	481839	52.88	ng		98
77) Pyrene	12.57	202	982841	35.92	ng		99
79) Butylbenzylphthalate	13.20	149	442878	38.27	ng	#	75
80) Benzo(a)anthracene	13.76	228	846958	42.21	ng		97
81) 3,3'-Dichlorobenzidine	13.73	252	572935	44.95	ng		96
82) Chrysene	13.79	228	841899	41.25	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	573175	41.17	ng	#	95
84) Di-n-octyl phthalate	14.38	149	1093913	47.44	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.38	276	648529	38.19	ng		95
87) Benzo(b)fluoranthene	14.75	252	728293m	35.61	ng		
88) Benzo(k)fluoranthene	14.79	252	801541m	47.86	ng		
89) Benzo(a)pyrene	15.07	252	707866	40.13	ng		99
90) Dibenzo(a,h)anthracene	16.39	278	541581	36.43	ng		96
91) Benzo(g,h,i)perylene	16.75	276	518853	34.35	ng	#	92

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

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