Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081911.D
Acq On : 30 Sep 2015 19:47
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
10/1/2015 2:23:25 PM

Quant Time: Oct 01 07:33:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	133769	20.00	ng		-0.03
21) Naphthalene-d8	8.19	136	534043	20.00	ng		-0.02
38) Acenaphthene-d10	9.95	164	251572	20.00	ng		-0.02
63) Phenanthrene-d10	11.44	188	473683	20.00	ng		-0.02
75) Chrysene-d12	14.08	240	317050	20.00	ng		-0.03
86) Perylene-d12	15.53	264	217937	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	546721	74.19	ng		-0.02
7) Phenol-d6	6.54	99	697110	75.18	ng		-0.02
23) Nitrobenzene-d5	7.47	82	598520	74.71	ng		-0.02
41) 2,4,6-Tribromophenol	10.74	330	193058	75.77	ng		-0.02
44) 2-Fluorobiphenyl	9.27	172	1117094	72.15	ng		-0.03
78) Terphenyl-d14	13.02	244	970764	105.99	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	129878	40.53	ng		84
3) Pyridine	3.27	79	297226	35.63	ng		85
4) n-Nitrosodimethylamine	3.22	42	124721	32.91	ng		96
6) Aniline	6.57	93	453490	36.40	ng		91
8) 2-Chlorophenol	6.69	128	314020	38.59	ng		88
9) Benzaldehyde	6.46	77	197608	32.54	ng	#	82
10) Phenol	6.55	94	415646	39.96	ng		77
11) bis(2-Chloroethyl)ether	6.64	93	315098	39.06	ng		97
12) 1,3-Dichlorobenzene	6.85	146	367512	38.23	ng	#	95
13) 1,4-Dichlorobenzene	6.93	146	385571	38.42	ng	#	95
14) 1,2-Dichlorobenzene	7.07	146	332264m	37.15	ng		
15) Benzyl Alcohol	7.05	79	232364	34.72	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.19	45	449417	39.41	ng		80
17) 2-Methylphenol	7.15	107	246509	37.36	ng	#	84
18) Hexachloroethane	7.42	117	125043	39.80	ng	#	85
19) n-Nitroso-di-n-propylamine	7.33	70	220954	39.21	ng	#	77
20) 3+4-Methylphenols	7.31	107	292774	35.13	ng	#	73
22) Acetophenone	7.33	105	410767	37.62	ng	#	84
24) Nitrobenzene	7.50	77	352917	40.57	ng	#	74
25) Isophorone	7.74	82	586099	36.91	ng	#	96
26) 2-Nitrophenol	7.81	139	165562	39.65	ng	#	52
27) 2,4-Dimethylphenol	7.85	122	265136	36.09	ng		88
28) bis(2-Chloroethoxy)methane	7.94	93	351327	37.26	ng	#	94
29) 2,4-Dichlorophenol	8.05	162	274151	38.49	ng		94
30) 1,2,4-Trichlorobenzene	8.14	180	310958	39.10	ng		99
31) Naphthalene	8.22	128	945801	39.97	ng		97
32) Benzoic acid	7.95	122	138564	34.05	ng	#	71
33) 4-Chloroaniline	8.26	127	374005	36.55	ng	#	85
34) Hexachlorobutadiene	8.33	225	189029	40.19	ng		98
35) Caprolactam	8.64	113	68574	34.77	ng	#	78
36) 4-Chloro-3-methylphenol	8.74	107	262901	37.75	ng	#	83
37) 2-Methylnaphthalene	8.90	142	573139	35.48	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	306973	39.75	ng		98
40) Hexachlorocyclopentadiene	9.05	237	152854	38.43	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	187961	35.50	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	234342	43.04	ng		97
45) 1,1'-Biphenyl	9.37	154	748359	38.56	ng		95
46) 2-Chloronaphthalene	9.39	162	570580	37.44	ng		93
47) 2-Nitroaniline	9.50	65	175161	39.15	ng	#	83
48) Acenaphthylene	9.82	152	923072	37.84	ng		97
49) Dimethylphthalate	9.67	163	645731	37.19	ng	#	97
50) 2,6-Dinitrotoluene	9.74	165	150702	39.97	ng	#	74
51) Acenaphthene	9.99	154	555228	38.33	ng		88
52) 3-Nitroaniline	9.91	138	174161	39.93	ng	#	72
53) 2,4-Dinitrophenol	10.01	184	55197	43.72	ng	#	57
54) Dibenzofuran	10.16	168	768210	37.53	ng		95
55) 4-Nitrophenol	10.07	139	105719	33.55	ng	#	70
56) 2,4-Dinitrotoluene	10.14	165	188060	39.13	ng	#	79
57) Fluorene	10.50	166	599714	40.76	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.27	232	180083	41.69	ng		90
59) Diethylphthalate	10.37	149	621472	38.31	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	300367	40.08	ng		93
61) 4-Nitroaniline	10.53	138	167596	38.32	ng	#	53
62) Azobenzene	10.65	77	638884	40.36	ng		93
64) 4,6-Dinitro-2-methylphenol	10.55	198	88284	42.28	ng	#	65
65) n-Nitrosodiphenylamine	10.62	169	550636	38.42	ng		93
66) 4-Bromophenyl-phenylether	10.98	248	194950	40.82	ng		94
67) Hexachlorobenzene	11.04	284	187022	34.70	ng	#	90
68) Atrazine	11.14	200	166608	37.47	ng		85
69) Pentachlorophenol	11.23	266	119637	38.95	ng		99
70) Phenanthrene	11.46	178	893325	38.97	ng		96
71) Anthracene	11.51	178	950889	39.50	ng		97
72) Carbazole	11.67	167	854765	39.23	ng		95
73) Di-n-butylphthalate	12.00	149	829992	37.16	ng	#	99
74) Fluoranthene	12.65	202	819321	32.29	ng		87
76) Benzidine	12.78	184	345224	36.14	ng	#	96
77) Pyrene	12.88	202	808252	42.67	ng		96
79) Butylbenzylphthalate	13.50	149	333913	46.85	ng		95
80) Benzo(a)anthracene	14.07	228	631727	37.00	ng		97
81) 3,3'-Dichlorobenzidine	14.04	252	232531	40.33	ng	#	93
82) Chrysene	14.10	228	673100m	45.36	ng		
83) Bis(2-ethylhexyl)phthalate	14.06	149	421265	47.12	ng		95
84) Di-n-octyl phthalate	14.66	149	605760	41.63	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.97	276	510610	38.23	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	484770	38.96	ng	#	86
88) Benzo(k)fluoranthene	15.13	252	539600m	47.32	ng		
89) Benzo(a)pyrene	15.48	252	454580	42.12	ng	#	84
90) Dibenzo(a,h)anthracene	17.00	278	419112	46.28	ng	#	81
91) Benzo(g,h,i)perylene	17.41	276	421957	45.47	ng	#	76

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

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