Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081800.D
Acq On : 25 Sep 2015 13:36
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:18:42 PM

Quant Time: Sep 26 00:42:50 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	151000	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	576224	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	282489	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	539021	20.00	ng		0.00
75) Chrysene-d12	14.13	240	473691	20.00	ng		0.01
86) Perylene-d12	15.59	264	402319	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	595490	66.72	ng		-0.01
7) Phenol-d6	6.57	99	817706	72.43	ng		0.00
23) Nitrobenzene-d5	7.52	82	739578	84.68	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	209497	85.42	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	1361858	79.14	ng		0.00
78) Terphenyl-d14	13.06	244	1294722	62.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	145363	32.90	ng		90
3) Pyridine	3.34	79	419416	33.65	ng		92
4) n-Nitrosodimethylamine	3.29	42	191929	32.63	ng		99
6) Aniline	6.61	93	569190	33.68	ng	#	89
8) 2-Chlorophenol	6.73	128	369918	37.61	ng		98
9) Benzaldehyde	6.49	77	219431	32.88	ng	#	76
10) Phenol	6.58	94	524947	40.03	ng		75
11) bis(2-Chloroethyl)ether	6.69	93	370698	38.55	ng		94
12) 1,3-Dichlorobenzene	6.89	146	425885	36.59	ng		97
13) 1,4-Dichlorobenzene	6.96	146	408056m	34.65	ng		
14) 1,2-Dichlorobenzene	7.12	146	407327	37.18	ng		96
15) Benzyl Alcohol	7.09	79	294771	33.11	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.22	45	531682	32.32	ng		89
17) 2-Methylphenol	7.19	107	287741	34.64	ng	#	86
18) Hexachloroethane	7.46	117	148408	38.70	ng	#	77
19) n-Nitroso-di-n-propylamine	7.36	70	247396	32.87	ng	#	82
20) 3+4-Methylphenols	7.35	107	341169	32.69	ng	#	81
22) Acetophenone	7.36	105	465414	36.83	ng	#	82
24) Nitrobenzene	7.53	77	349034	35.82	ng	#	65
25) Isophorone	7.77	82	712966	36.85	ng	#	89
26) 2-Nitrophenol	7.85	139	195887	55.35	ng	#	76
27) 2,4-Dimethylphenol	7.89	122	346796	39.52	ng	#	84
28) bis(2-Chloroethoxy)methane	7.99	93	436908	38.66	ng	#	95
29) 2,4-Dichlorophenol	8.09	162	323055	39.55	ng		96
30) 1,2,4-Trichlorobenzene	8.17	180	330416	36.04	ng		96
31) Naphthalene	8.26	128	1043947	39.27	ng		98
32) Benzoic acid	7.93	122	29646	17.35	ng	#	64
33) 4-Chloroaniline	8.31	127	481650	41.28	ng	#	94
34) Hexachlorobutadiene	8.38	225	207698	38.41	ng		100
35) Caprolactam	8.67	113	86439	39.61	ng	#	71
36) 4-Chloro-3-methylphenol	8.78	107	295424	36.09	ng	#	80
37) 2-Methylnaphthalene	8.95	142	706613	37.30	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	310860	34.48	ng		99
40) Hexachlorocyclopentadiene	9.10	237	179147	46.36	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	255491	43.01	ng		99
43) 2,4,5-Trichlorophenol	9.26	196	227500	38.92	ng	#	96
45) 1,1'-Biphenyl	9.42	154	885152	40.07	ng		93
46) 2-Chloronaphthalene	9.44	162	695214	39.13	ng		95
47) 2-Nitroaniline	9.53	65	195176	41.30	ng	#	74
48) Acenaphthylene	9.85	152	1025884	34.12	ng		95
49) Dimethylphthalate	9.71	163	785492	36.54	ng	#	97
50) 2,6-Dinitrotoluene	9.77	165	162679	39.21	ng	#	45
51) Acenaphthene	10.02	154	579456	33.44	ng		89
52) 3-Nitroaniline	9.94	138	180003	40.00	ng	#	64
53) 2,4-Dinitrophenol	10.05	184	19685	45.40	ng	#	85
54) Dibenzofuran	10.19	168	861062	33.87	ng	#	86
55) 4-Nitrophenol	10.09	139	147497	47.53	ng	#	53
56) 2,4-Dinitrotoluene	10.17	165	220808	44.45	ng	#	64
57) Fluorene	10.54	166	658232	33.74	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.31	232	181733	40.73	ng		99
59) Diethylphthalate	10.41	149	777821	37.36	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	343056	38.31	ng		91
61) 4-Nitroaniline	10.56	138	203324	46.51	ng	#	52
62) Azobenzene	10.69	77	770796	36.21	ng		86
64) 4,6-Dinitro-2-methylphenol	10.58	198	60391	49.56	ng	#	73
65) n-Nitrosodiphenylamine	10.65	169	663830	36.52	ng		91
66) 4-Bromophenyl-phenylether	11.03	248	224428	37.39	ng	#	80
67) Hexachlorobenzene	11.09	284	257275	41.09	ng	#	83
68) Atrazine	11.18	200	208912	38.44	ng		84
69) Pentachlorophenol	11.28	266	105253	33.90	ng		99
70) Phenanthrene	11.50	178	1093630	35.49	ng		95
71) Anthracene	11.55	178	1103235	37.15	ng		96
72) Carbazole	11.71	167	1005741	36.48	ng		96
73) Di-n-butylphthalate	12.04	149	1202401	35.83	ng	#	97
74) Fluoranthene	12.69	202	1130705	36.41	ng		94
76) Benzidine	12.81	184	528757	32.89	ng	#	97
77) Pyrene	12.93	202	1243375	34.82	ng		96
79) Butylbenzylphthalate	13.54	149	576553	40.51	ng	#	92
80) Benzo(a)anthracene	14.12	228	1061794	36.97	ng		96
81) 3,3'-Dichlorobenzidine	14.08	252	396035	43.41	ng	#	90
82) Chrysene	14.15	228	1044166m	37.90	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	706551	40.94	ng	#	91
84) Di-n-octyl phthalate	14.71	149	1168642	46.05	ng		95
85) Indeno(1,2,3-cd)pyrene	17.06	276	941685	37.34	ng	#	88
87) Benzo(b)fluoranthene	15.16	252	1012197	42.43	ng	#	89
88) Benzo(k)fluoranthene	15.19	252	731151m	31.82	ng		
89) Benzo(a)pyrene	15.53	252	815547	37.86	ng	#	85
90) Dibenzo(a,h)anthracene	17.09	278	768832	34.25	ng	#	79
91) Benzo(g,h,i)perylene	17.51	276	779140	33.67	ng	#	77

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

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