Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082050.D
Acq On : 5 Oct 2015 17:25
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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10/6/2015 2:55:28 PM

Quant Time: Oct 05 18:18:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 15:47:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	118273	20.00	ng		0.01
21) Naphthalene-d8	8.17	136	474529	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	235239	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	450782	20.00	ng		0.00
75) Chrysene-d12	14.06	240	406118	20.00	ng		0.00
86) Perylene-d12	15.51	264	352982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	499635	76.69	ng		0.00
7) Phenol-d6	6.51	99	606683	74.00	ng		0.00
23) Nitrobenzene-d5	7.45	82	560339	78.71	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	172436	72.38	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1068187	74.12	ng		0.00
78) Terphenyl-d14	13.01	244	1148094	94.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	112807	39.81	ng		85
3) Pyridine	3.23	79	304476	41.28	ng		88
4) n-Nitrosodimethylamine	3.21	42	118355	35.32	ng		90
6) Aniline	6.55	93	405616	36.83	ng	#	90
8) 2-Chlorophenol	6.66	128	271604	37.75	ng		86
9) Benzaldehyde	6.43	77	168204	31.33	ng	#	82
10) Phenol	6.53	94	350361	38.10	ng	#	68
11) bis(2-Chloroethyl)ether	6.63	93	288205	40.41	ng		88
12) 1,3-Dichlorobenzene	6.82	146	324589	38.19	ng	#	95
13) 1,4-Dichlorobenzene	6.90	146	345422	38.92	ng	#	95
14) 1,2-Dichlorobenzene	7.05	146	292970m	37.05	ng		
15) Benzyl Alcohol	7.03	79	207514	35.06	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	363798	36.08	ng		80
17) 2-Methylphenol	7.14	107	231806	39.74	ng	#	87
18) Hexachloroethane	7.39	117	107943	38.85	ng	#	85
19) n-Nitroso-di-n-propylamine	7.30	70	179785	36.08	ng	#	77
20) 3+4-Methylphenols	7.29	107	259609	35.24	ng	#	72
22) Acetophenone	7.30	105	373777	38.52	ng	#	82
24) Nitrobenzene	7.47	77	300615	38.89	ng	#	69
25) Isophorone	7.71	82	532406	37.73	ng	#	91
26) 2-Nitrophenol	7.79	139	156044	42.06	ng	#	87
27) 2,4-Dimethylphenol	7.83	122	253129	38.78	ng	#	83
28) bis(2-Chloroethoxy)methane	7.92	93	295253	35.24	ng	#	93
29) 2,4-Dichlorophenol	8.03	162	242619	38.33	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	275904	39.05	ng		97
31) Naphthalene	8.19	128	774749	36.85	ng		97
32) Benzoic acid	7.95	122	157451	41.50	ng	#	68
33) 4-Chloroaniline	8.25	127	345587	38.01	ng	#	96
34) Hexachlorobutadiene	8.31	225	165965	39.71	ng		98
35) Caprolactam	8.63	113	72674	41.48	ng		90
36) 4-Chloro-3-methylphenol	8.73	107	247323	39.96	ng		94
37) 2-Methylnaphthalene	8.88	142	520459	36.26	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	278799	38.60	ng		98
40) Hexachlorocyclopentadiene	9.04	237	133930	36.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	193779	39.14	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	188202	36.96	ng	#	95
45) 1,1'-Biphenyl	9.35	154	644057	35.49	ng		94
46) 2-Chloronaphthalene	9.37	162	513930	36.07	ng	#	92
47) 2-Nitroaniline	9.47	65	156761	37.47	ng	#	77
48) Acenaphthylene	9.79	152	883188	38.72	ng		96
49) Dimethylphthalate	9.66	163	630850	38.85	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	135974	38.57	ng	#	87
51) Acenaphthene	9.97	154	541464	39.98	ng		89
52) 3-Nitroaniline	9.90	138	161546	39.61	ng	#	92
53) 2,4-Dinitrophenol	10.00	184	67219	51.80	ng	#	82
54) Dibenzofuran	10.14	168	716504	37.43	ng	#	90
55) 4-Nitrophenol	10.05	139	107304	36.41	ng	#	56
56) 2,4-Dinitrotoluene	10.13	165	189065	42.07	ng	#	99
57) Fluorene	10.48	166	592291	43.18	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	170312	42.17	ng		94
59) Diethylphthalate	10.35	149	605707	39.94	ng		98
60) 4-Chlorophenyl-phenylether	10.47	204	254810	36.36	ng	#	83
61) 4-Nitroaniline	10.51	138	167337	40.92	ng	#	62
62) Azobenzene	10.63	77	541652	36.59	ng		91
64) 4,6-Dinitro-2-methylphenol	10.53	198	94881	46.69	ng		95
65) n-Nitrosodiphenylamine	10.59	169	537793	39.43	ng		92
66) 4-Bromophenyl-phenylether	10.96	248	174335	38.36	ng		97
67) Hexachlorobenzene	11.02	284	179879	35.07	ng	#	80
68) Atrazine	11.12	200	161050	38.06	ng		83
69) Pentachlorophenol	11.22	266	109511	37.47	ng		98
70) Phenanthrene	11.44	178	824390	37.73	ng		95
71) Anthracene	11.50	178	932340	40.69	ng		98
72) Carbazole	11.65	167	796310	38.40	ng		95
73) Di-n-butylphthalate	11.98	149	882880	41.70	ng	#	98
74) Fluoranthene	12.63	202	896648	37.13	ng		90
76) Benzidine	12.75	184	479918	39.22	ng	#	96
77) Pyrene	12.86	202	874043	36.03	ng		96
79) Butylbenzylphthalate	13.48	149	366104	40.10	ng	#	88
80) Benzo(a)anthracene	14.05	228	827512	37.84	ng		95
81) 3,3'-Dichlorobenzidine	14.01	252	298640	40.43	ng	#	96
82) Chrysene	14.09	228	884675	47.99	ng		94
83) Bis(2-ethylhexyl)phthalate	14.04	149	517864	45.22	ng	#	93
84) Di-n-octyl phthalate	14.65	149	878920	47.16	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	674646	39.44	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	895150	44.42	ng	#	87
88) Benzo(k)fluoranthene	15.09	252	895150	48.46	ng	#	88
89) Benzo(a)pyrene	15.45	252	697429	39.90	ng	#	84
90) Dibenzo(a,h)anthracene	16.96	278	552726	37.68	ng	#	80
91) Benzo(g,h,i)perylene	17.37	276	527914	35.12	ng	#	77

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

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