Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082374.D
Acq On : 20 Oct 2015 1:13
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:25:54 PM

Quant Time: Oct 20 03:14:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 01:57:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158929	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	608031	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	309021	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	601128	20.00	ng		0.00
75) Chrysene-d12	14.02	240	468461	20.00	ng		-0.07
86) Perylene-d12	15.54	264	394407	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	607513	77.15	ng		0.00
7) Phenol-d6	6.46	99	786404	76.74	ng		0.01
23) Nitrobenzene-d5	7.38	82	698313	77.13	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	192085	66.28	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1276054	68.48	ng		0.00
78) Terphenyl-d14	12.94	244	1316921	74.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	142967	36.13	ng		97
3) Pyridine	3.05	79	382901	41.61	ng		97
4) n-Nitrosodimethylamine	3.03	42	161599	41.41	ng		97
6) Aniline	6.47	93	508101	38.46	ng	#	23
8) 2-Chlorophenol	6.59	128	371228	38.62	ng		95
9) Benzaldehyde	6.35	77	220810	42.19	ng		99
10) Phenol	6.47	94	459769	38.91	ng		75
11) bis(2-Chloroethyl)ether	6.55	93	363871	36.42	ng		95
12) 1,3-Dichlorobenzene	6.74	146	434364	38.80	ng		99
13) 1,4-Dichlorobenzene	6.82	146	447194	38.25	ng		99
14) 1,2-Dichlorobenzene	6.97	146	369353	33.27	ng		99
15) Benzyl Alcohol	6.96	79	278228	39.33	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	476705	34.26	ng		70
17) 2-Methylphenol	7.07	107	283716	37.32	ng		96
18) Hexachloroethane	7.31	117	153236	38.29	ng		93
19) n-Nitroso-di-n-propylamine	7.23	70	241334	33.53	ng	#	92
20) 3+4-Methylphenols	7.23	107	335150	37.00	ng	#	84
22) Acetophenone	7.22	105	495075	41.16	ng	#	92
24) Nitrobenzene	7.41	77	417729	42.62	ng	#	89
25) Isophorone	7.65	82	731699	40.04	ng		94
26) 2-Nitrophenol	7.71	139	201582	41.19	ng	#	87
27) 2,4-Dimethylphenol	7.76	122	308900	39.18	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	406505	38.23	ng		99
29) 2,4-Dichlorophenol	7.97	162	340123	43.16	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	355282	39.11	ng		96
31) Naphthalene	8.11	128	1000526	37.96	ng		99
32) Benzoic acid	7.92	122	167845	31.72	ng		95
33) 4-Chloroaniline	8.18	127	435121	39.75	ng	#	92
34) Hexachlorobutadiene	8.23	225	202664	35.80	ng		99
35) Caprolactam	8.58	113	100029	43.73	ng		86
36) 4-Chloro-3-methylphenol	8.67	107	321420	41.70	ng	#	82
37) 2-Methylnaphthalene	8.81	142	716211	39.20	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	359812	39.15	ng		98
40) Hexachlorocyclopentadiene	8.96	237	123765	32.15	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	242212	39.68	ng		100
43) 2,4,5-Trichlorophenol	9.14	196	260949	39.46	ng		97
45) 1,1'-Biphenyl	9.28	154	889470	37.75	ng		97
46) 2-Chloronaphthalene	9.30	162	674500	36.36	ng		94
47) 2-Nitroaniline	9.41	65	202449	39.75	ng		94
48) Acenaphthylene	9.71	152	1046122	36.20	ng		99
49) Dimethylphthalate	9.59	163	814304	37.42	ng		100
50) 2,6-Dinitrotoluene	9.66	165	206060	44.88	ng		94
51) Acenaphthene	9.89	154	630583	36.35	ng		99
52) 3-Nitroaniline	9.83	138	218169	42.07	ng		97
53) 2,4-Dinitrophenol	9.93	184	72804	32.50	ng		94
54) Dibenzofuran	10.06	168	881482	37.01	ng		94
55) 4-Nitrophenol	10.00	139	102675	36.41	ng		97
56) 2,4-Dinitrotoluene	10.06	165	225627	39.32	ng	#	88
57) Fluorene	10.41	166	733075	37.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	198330	36.70	ng		99
59) Diethylphthalate	10.29	149	839841	41.40	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	379717	42.38	ng	#	88
61) 4-Nitroaniline	10.45	138	204930	40.74	ng		97
62) Azobenzene	10.56	77	801329	40.37	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	131683	39.03	ng		76
65) n-Nitrosodiphenylamine	10.53	169	708367	39.36	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	230805	38.37	ng	#	89
67) Hexachlorobenzene	10.95	284	221701	34.07	ng	#	66
68) Atrazine	11.05	200	189014	33.15	ng		99
69) Pentachlorophenol	11.15	266	118851	35.50	ng		97
70) Phenanthrene	11.37	178	1164566	39.52	ng		99
71) Anthracene	11.42	178	1136253	37.42	ng		99
72) Carbazole	11.59	167	1029637	37.17	ng	#	97
73) Di-n-butylphthalate	11.91	149	1255074	36.73	ng		100
74) Fluoranthene	12.56	202	1176718	37.18	ng		98
76) Benzidine	12.69	184	534696	39.39	ng		100
77) Pyrene	12.79	202	1135704	40.85	ng		100
79) Butylbenzylphthalate	13.42	149	523251	41.24	ng		96
80) Benzo(a)anthracene	14.01	228	973228	39.93	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	359871	38.90	ng	#	99
82) Chrysene	14.06	228	993089	38.67	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	727005	40.16	ng	#	97
84) Di-n-octyl phthalate	14.68	149	1262323	40.61	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	838908	41.10	ng		99
87) Benzo(b)fluoranthene	15.12	252	1030373m	42.94	ng		
88) Benzo(k)fluoranthene	15.16	252	637242m	31.60	ng		
89) Benzo(a)pyrene	15.49	252	777715	37.71	ng	#	97
90) Dibenzo(a,h)anthracene	16.98	278	696618	41.22	ng		98
91) Benzo(g,h,i)perylene	17.40	276	679356	41.38	ng		98

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

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