Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082253.D
Acq On : 13 Oct 2015 13:56
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:13 PM

Quant Time: Oct 14 01:14:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	87720	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	340050	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	166574	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	336074	20.00	ng		0.00
75) Chrysene-d12	14.14	240	305619	20.00	ng		0.13
86) Perylene-d12	15.77	264	296404	20.00	ng		0.33
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	364191	83.79	ng		-0.01
7) Phenol-d6	6.47	99	459550	81.25	ng		-0.01
23) Nitrobenzene-d5	7.41	82	426347	84.20	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	133497	85.46	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	816664	81.31	ng		-0.01
78) Terphenyl-d14	12.98	244	822219	71.29	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	82294	37.68	ng		100
3) Pyridine	3.10	79	197834	38.95	ng		99
4) n-Nitrosodimethylamine	3.06	42	85879	39.87	ng		96
6) Aniline	6.49	93	300146	41.16	ng		97
8) 2-Chlorophenol	6.62	128	195648	36.87	ng		97
9) Benzaldehyde	6.38	77	124342	43.05	ng		97
10) Phenol	6.48	94	262423	40.24	ng		97
11) bis(2-Chloroethyl)ether	6.57	93	213511	38.72	ng		99
12) 1,3-Dichlorobenzene	6.77	146	240787	38.97	ng		99
13) 1,4-Dichlorobenzene	6.85	146	253288	39.25	ng		100
14) 1,2-Dichlorobenzene	6.99	146	214924	35.07	ng		100
15) Benzyl Alcohol	6.98	79	162478	41.61	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.11	45	275796	35.91	ng		100
17) 2-Methylphenol	7.10	107	168724	40.21	ng		96
18) Hexachloroethane	7.34	117	82419	37.31	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	145239	36.56	ng	#	84
20) 3+4-Methylphenols	7.25	107	191287	38.26	ng		91
22) Acetophenone	7.25	105	265887	39.53	ng		100
24) Nitrobenzene	7.42	77	204451	37.30	ng		98
25) Isophorone	7.66	82	382268	37.40	ng		99
26) 2-Nitrophenol	7.74	139	118931	43.46	ng		94
27) 2,4-Dimethylphenol	7.78	122	184870	41.93	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	247307	41.59	ng		99
29) 2,4-Dichlorophenol	7.98	162	174400	39.57	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	191545	37.70	ng		98
31) Naphthalene	8.14	128	558913	37.92	ng		100
32) Benzoic acid	7.89	122	78602	26.56	ng		97
33) 4-Chloroaniline	8.19	127	246804	40.32	ng		96
34) Hexachlorobutadiene	8.25	225	114975	36.32	ng		97
35) Caprolactam	8.58	113	54770	42.81	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	183153	42.49	ng		86
37) 2-Methylnaphthalene	8.83	142	418096	40.91	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	191010	38.55	ng		97
40) Hexachlorocyclopentadiene	8.98	237	71981	34.04	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	137894	41.90	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	134208	37.65	ng	#	90
45) 1,1'-Biphenyl	9.30	154	528350	41.60	ng		96
46) 2-Chloronaphthalene	9.33	162	398919	39.89	ng		96
47) 2-Nitroaniline	9.43	65	122328	44.56	ng	#	84
48) Acenaphthylene	9.74	152	600724	38.56	ng		100
49) Dimethylphthalate	9.61	163	470590	40.12	ng		98
50) 2,6-Dinitrotoluene	9.67	165	93159	37.64	ng	#	73
51) Acenaphthene	9.91	154	359314	38.42	ng		100
52) 3-Nitroaniline	9.84	138	111225	39.79	ng	#	81
53) 2,4-Dinitrophenol	9.95	184	35708	30.15	ng	#	91
54) Dibenzofuran	10.08	168	494899	38.55	ng		96
55) 4-Nitrophenol	10.01	139	69012	43.57	ng		89
56) 2,4-Dinitrotoluene	10.08	165	131443	42.49	ng		89
57) Fluorene	10.42	166	399769	37.91	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	123523	42.41	ng		94
59) Diethylphthalate	10.31	149	453335	41.46	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	201507	41.72	ng		88
61) 4-Nitroaniline	10.46	138	117503	43.33	ng		91
62) Azobenzene	10.58	77	436244	40.77	ng		92
64) 4,6-Dinitro-2-methylphenol	10.48	198	61570	32.65	ng	#	55
65) n-Nitrosodiphenylamine	10.55	169	383249	38.09	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	127867	38.02	ng	#	88
67) Hexachlorobenzene	10.97	284	129523	35.61	ng	#	72
68) Atrazine	11.07	200	125507	39.37	ng		99
69) Pentachlorophenol	11.18	266	66230	35.38	ng		98
70) Phenanthrene	11.39	178	662821	40.24	ng		100
71) Anthracene	11.44	178	642767	37.87	ng		99
72) Carbazole	11.60	167	587281	37.93	ng		99
73) Di-n-butylphthalate	11.93	149	665044	34.81	ng		100
74) Fluoranthene	12.60	202	706562	39.94	ng		100
76) Benzidine	12.73	184	322778	36.44	ng		99
77) Pyrene	12.84	202	735219	40.54	ng		98
79) Butylbenzylphthalate	13.50	149	306918	37.08	ng		97
80) Benzo(a)anthracene	14.13	228	623650	39.22	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	251155	41.61	ng		98
82) Chrysene	14.17	228	658295	39.29	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	377769	31.99	ng		98
84) Di-n-octyl phthalate	14.86	149	684221	33.74	ng		100
85) Indeno(1,2,3-cd)pyrene	17.24	276	566196m	42.52	ng		
87) Benzo(b)fluoranthene	15.34	252	600481	33.30	ng		98
88) Benzo(k)fluoranthene	15.37	252	636386m	41.99	ng		
89) Benzo(a)pyrene	15.70	252	596459	38.49	ng		98
90) Dibenzo(a,h)anthracene	17.25	278	476095	37.49	ng		99
91) Benzo(g,h,i)perylene	17.67	276	447306	36.25	ng		98

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

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