Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083752.D
Acq On : 14 Dec 2015 2:18
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:47 PM

Quant Time: Dec 14 03:54:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	108296	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	408226	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	185829	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	330502	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	232430	20.00	ng		-0.01
86) Perylene-d12	15.49	264	215013	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	551262	82.12	ng		-0.01
7) Phenol-d6	6.54	99	692043	81.41	ng		0.00
23) Nitrobenzene-d5	7.48	82	625507	85.73	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	153953	81.30	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	1105132	88.13	ng		-0.01
78) Terphenyl-d14	13.01	244	830115	76.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	134059	41.30	ng	#	80
3) Pyridine	3.29	79	359699	44.04	ng	#	83
4) n-Nitrosodimethylamine	3.23	42	128961	41.74	ng	#	62
6) Aniline	6.58	93	489385	42.38	ng	#	82
8) 2-Chlorophenol	6.70	128	343822	43.59	ng	#	82
9) Benzaldehyde	6.46	77	192464	42.16	ng		83
10) Phenol	6.56	94	417204	42.64	ng	#	73
11) bis(2-Chloroethyl)ether	6.65	93	270084	38.12	ng		95
12) 1,3-Dichlorobenzene	6.86	146	364349	43.52	ng		95
13) 1,4-Dichlorobenzene	6.93	146	341448	40.36	ng		98
14) 1,2-Dichlorobenzene	7.09	146	339416	44.65	ng		99
15) Benzyl Alcohol	7.06	79	271476	43.47	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	375326	40.79	ng		68
17) 2-Methylphenol	7.17	107	268851	42.39	ng	#	83
18) Hexachloroethane	7.44	117	124836	41.55	ng	#	82
19) n-Nitroso-di-n-propylamine	7.33	70	198995	38.23	ng		91
20) 3+4-Methylphenols	7.32	107	297542	39.74	ng	#	74
22) Acetophenone	7.33	105	423894	42.33	ng	#	86
24) Nitrobenzene	7.50	77	317419	41.80	ng	#	67
25) Isophorone	7.74	82	594698	41.54	ng	#	91
26) 2-Nitrophenol	7.81	139	153099	41.97	ng		88
27) 2,4-Dimethylphenol	7.86	122	306840	42.80	ng		95
28) bis(2-Chloroethoxy)methane	7.95	93	327927	40.14	ng	#	98
29) 2,4-Dichlorophenol	8.05	162	237030	40.28	ng		95
30) 1,2,4-Trichlorobenzene	8.14	180	255924	41.93	ng		96
31) Naphthalene	8.22	128	884244	41.55	ng		98
32) Benzoic acid	7.96	122	181520	40.63	ng		89
33) 4-Chloroaniline	8.27	127	390370	44.91	ng	#	88
34) Hexachlorobutadiene	8.35	225	147086	43.92	ng		98
35) Caprolactam	8.64	113	81506	43.13	ng	#	49
36) 4-Chloro-3-methylphenol	8.75	107	301805	43.84	ng	#	84
37) 2-Methylnaphthalene	8.91	142	553350	41.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	229474	41.86	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	123609	44.50	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	172728	43.05	ng		97
43) 2,4,5-Trichlorophenol	9.23	196	177011	46.50	ng	#	94
45) 1,1'-Biphenyl	9.38	154	705089	42.81	ng		98
46) 2-Chloronaphthalene	9.40	162	520116	42.78	ng	#	92
47) 2-Nitroaniline	9.49	65	161471	46.83	ng	#	68
48) Acenaphthylene	9.81	152	874544	42.76	ng		100
49) Dimethylphthalate	9.68	163	587937	40.58	ng		100
50) 2,6-Dinitrotoluene	9.73	165	130199	42.34	ng		88
51) Acenaphthene	10.00	154	523779	42.36	ng		95
52) 3-Nitroaniline	9.90	138	155508	43.87	ng	#	61
53) 2,4-Dinitrophenol	10.01	184	40048	34.63	ng	#	65
54) Dibenzofuran	10.16	168	660223	40.30	ng	#	90
55) 4-Nitrophenol	10.05	139	124795	47.54	ng	#	74
56) 2,4-Dinitrotoluene	10.13	165	168915	42.05	ng	#	80
57) Fluorene	10.50	166	502108	38.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	120377	42.16	ng	#	100
59) Diethylphthalate	10.37	149	605949	41.31	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	261613	44.47	ng		95
61) 4-Nitroaniline	10.51	138	136803	43.78	ng		96
62) Azobenzene	10.66	77	580079	43.39	ng		84
64) 4,6-Dinitro-2-methylphenol	10.54	198	80972	43.06	ng	#	52
65) n-Nitrosodiphenylamine	10.61	169	524945	46.44	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	158628	42.92	ng	#	73
67) Hexachlorobenzene	11.05	284	171678	42.93	ng	#	87
68) Atrazine	11.14	200	152598	47.45	ng		99
69) Pentachlorophenol	11.24	266	96073	42.60	ng		97
70) Phenanthrene	11.46	178	741232	42.22	ng		99
71) Anthracene	11.52	178	795802	43.64	ng		99
72) Carbazole	11.66	167	738566	43.47	ng		98
73) Di-n-butylphthalate	12.00	149	849988	41.20	ng		99
74) Fluoranthene	12.65	202	750744	41.38	ng		96
76) Benzidine	12.76	184	351257	49.59	ng		98
77) Pyrene	12.86	202	731531	39.82	ng		99
79) Butylbenzylphthalate	13.49	149	335982	42.61	ng	#	86
80) Benzo(a)anthracene	14.05	228	545608	41.28	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	215003	45.09	ng	#	96
82) Chrysene	14.09	228	545714	42.33	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	394606	43.97	ng		98
84) Di-n-octyl phthalate	14.66	149	693880	48.66	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.93	276	652325	51.52	ng	#	100
87) Benzo(b)fluoranthene	15.08	252	515008m	37.55	ng		
88) Benzo(k)fluoranthene	15.12	252	577775m	46.49	ng		
89) Benzo(a)pyrene	15.44	252	524262	42.83	ng		98
90) Dibenzo(a,h)anthracene	16.95	278	543550	44.66	ng	#	95
91) Benzo(g,h,i)perylene	17.36	276	547960	43.80	ng		98

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

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