Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080993.D
Acq On : 13 Aug 2015 21:43
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:09:37 PM

Quant Time: Aug 14 06:58:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	47773	20.00	ng		-0.06
21) Naphthalene-d8	8.04	136	189296	20.00	ng		-0.06
38) Acenaphthene-d10	9.79	164	78550	20.00	ng		-0.06
63) Phenanthrene-d10	11.26	188	152667	20.00	ng		-0.06
75) Chrysene-d12	13.89	240	82033	20.00	ng		-0.07
86) Perylene-d12	15.28	264	72643	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	199869	68.36	ng		-0.05
7) Phenol-d6	6.40	99	338117	84.39	ng		-0.05
23) Nitrobenzene-d5	7.32	82	332361	83.05	ng		-0.06
41) 2,4,6-Tribromophenol	10.58	330	50215	58.19	ng		-0.06
44) 2-Fluorobiphenyl	9.12	172	441186	79.07	ng		-0.06
78) Terphenyl-d14	12.85	244	376547	94.81	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	49085	35.39	ng	#	88
3) Pyridine	2.96	79	147122	37.41	ng	#	86
4) n-Nitrosodimethylamine	2.91	42	106337	52.97	ng	#	78
6) Aniline	6.42	93	246927	41.95	ng		100
8) 2-Chlorophenol	6.53	128	132086	39.04	ng	#	77
9) Benzaldehyde	6.29	77	107517	39.81	ng		96
10) Phenol	6.41	94	205412	43.21	ng	#	62
11) bis(2-Chloroethyl)ether	6.50	93	155446	43.79	ng		96
12) 1,3-Dichlorobenzene	6.69	146	155841	43.40	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	162940	43.67	ng		96
14) 1,2-Dichlorobenzene	6.92	146	127258	37.73	ng		94
15) Benzyl Alcohol	6.90	79	134855	41.13	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	315542	44.19	ng		98
17) 2-Methylphenol	7.01	107	120897	41.86	ng	#	90
18) Hexachloroethane	7.26	117	57312	40.09	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	134229	45.83	ng		96
20) 3+4-Methylphenols	7.17	107	141590	39.03	ng		92
22) Acetophenone	7.17	105	207456	44.73	ng		98
24) Nitrobenzene	7.34	77	196289	47.64	ng		96
25) Isophorone	7.58	82	304745	39.60	ng	#	94
26) 2-Nitrophenol	7.65	139	65680	37.88	ng	#	79
27) 2,4-Dimethylphenol	7.70	122	118908	36.63	ng		89
28) bis(2-Chloroethoxy)methane	7.80	93	193102	41.80	ng		97
29) 2,4-Dichlorophenol	7.90	162	108742	40.77	ng		91
30) 1,2,4-Trichlorobenzene	7.98	180	122797	42.12	ng		98
31) Naphthalene	8.06	128	440107	42.18	ng		99
32) Benzoic acid	7.82	122	71948m	37.02	ng		
33) 4-Chloroaniline	8.11	127	143041	33.73	ng	#	91
34) Hexachlorobutadiene	8.18	225	63042	36.34	ng		99
35) Caprolactam	8.50	113	29181	30.41	ng	#	54
36) 4-Chloro-3-methylphenol	8.60	107	122101	37.51	ng		96
37) 2-Methylnaphthalene	8.75	142	220328	33.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	81893	33.82	ng		99
40) Hexachlorocyclopentadiene	8.91	237	13669	10.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	61068	34.41	ng		97
43) 2,4,5-Trichlorophenol	9.07	196	64584	36.11	ng	#	85
45) 1,1'-Biphenyl	9.22	154	244252	36.23	ng		100
46) 2-Chloronaphthalene	9.24	162	173523	33.01	ng		99
47) 2-Nitroaniline	9.33	65	74771	35.48	ng		89
48) Acenaphthylene	9.65	152	321529	35.19	ng		99
49) Dimethylphthalate	9.53	163	232936	35.70	ng		98
50) 2,6-Dinitrotoluene	9.58	165	54940	40.76	ng	#	65
51) Acenaphthene	9.82	154	224771	40.17	ng		99
52) 3-Nitroaniline	9.74	138	42603	25.64	ng		95
53) 2,4-Dinitrophenol	9.85	184	7836	14.97	ng	#	79
54) Dibenzofuran	10.00	168	334135	44.16	ng		99
55) 4-Nitrophenol	9.90	139	37966	30.52	ng	#	33
56) 2,4-Dinitrotoluene	9.98	165	79687	44.18	ng	#	78
57) Fluorene	10.34	166	205536	35.11	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	47518m	33.57	ng		
59) Diethylphthalate	10.22	149	224299	33.02	ng		96
60) 4-Chlorophenyl-phenylether	10.33	204	88599	31.06	ng		97
61) 4-Nitroaniline	10.36	138	62966	36.82	ng		92
62) Azobenzene	10.49	77	279481	36.80	ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	12498	13.21	ng	#	76
65) n-Nitrosodiphenylamine	10.45	169	203055	38.28	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	71149	44.00	ng		98
67) Hexachlorobenzene	10.88	284	60646	33.74	ng	#	45
68) Atrazine	10.98	200	63961	41.13	ng		98
69) Pentachlorophenol	11.07	266	34472	32.98	ng		96
70) Phenanthrene	11.29	178	320949	37.13	ng		98
71) Anthracene	11.34	178	385525	45.05	ng		99
72) Carbazole	11.49	167	288197	34.59	ng	#	97
73) Di-n-butylphthalate	11.84	149	426087	40.89	ng		99
74) Fluoranthene	12.48	202	272862	29.20	ng		92
76) Benzidine	12.60	184	131403	35.03	ng		96
77) Pyrene	12.69	202	222027	36.64	ng		98
79) Butylbenzylphthalate	13.32	149	119626	40.95	ng	#	63
80) Benzo(a)anthracene	13.88	228	219551	42.37	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	69939	37.11	ng	#	97
82) Chrysene	13.92	228	174255	35.12	ng		100
83) Bis(2-ethylhexyl)phthalate	13.88	149	160824	39.56	ng	#	92
84) Di-n-octyl phthalate	14.50	149	265896	38.58	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	228684	48.43	ng		100
87) Benzo(b)fluoranthene	14.89	252	207008m	40.98	ng		
88) Benzo(k)fluoranthene	14.92	252	213641m	48.35	ng		
89) Benzo(a)pyrene	15.22	252	177840	40.96	ng	#	95
90) Dibenzo(a,h)anthracene	16.61	278	193662	50.43	ng		98
91) Benzo(g,h,i)perylene	16.99	276	169507	45.38	ng		99

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

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