Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081999.D
Acq On : 3 Oct 2015 2:35
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:28:59 PM

Quant Time: Oct 03 05:16:47 2015
Quant Method : H:\HPCHEM1\BNA F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	132784	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	515971	20.00	ng		-0.05
38) Acenaphthene-d10	9.94	164	261633	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	513875	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	497372	20.00	ng		-0.03
86) Perylene-d12	15.54	264	409044	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	539360	73.74	ng		-0.04
7) Phenol-d6	6.51	99	653484	71.00	ng		-0.05
23) Nitrobenzene-d5	7.46	82	628260	81.17	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	198947	75.08	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1168235	72.63	ng		-0.05
78) Terphenyl-d14	13.02	244	1223676	77.56	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	123157	38.72	ng		85
3) Pyridine	3.20	79	321453	38.82	ng		86
4) n-Nitrosodimethylamine	3.17	42	130690	34.74	ng		95
6) Aniline	6.55	93	445458	36.02	ng	#	86
8) 2-Chlorophenol	6.67	128	306943	38.00	ng		97
9) Benzaldehyde	6.43	77	178084	29.55	ng	#	80
10) Phenol	6.53	94	345718	33.48	ng	#	64
11) bis(2-Chloroethyl)ether	6.63	93	326808	40.82	ng		95
12) 1,3-Dichlorobenzene	6.82	146	348300m	36.50	ng		
13) 1,4-Dichlorobenzene	6.90	146	368195m	36.96	ng		
14) 1,2-Dichlorobenzene	7.06	146	353854	39.86	ng		99
15) Benzyl Alcohol	7.03	79	226286	34.06	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.17	45	407147	35.97	ng		81
17) 2-Methylphenol	7.14	107	250184	38.20	ng	#	86
18) Hexachloroethane	7.39	117	119050	38.17	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	212318	37.95	ng	#	74
20) 3+4-Methylphenols	7.30	107	301987	36.51	ng	#	57
22) Acetophenone	7.30	105	394974	37.44	ng	#	78
24) Nitrobenzene	7.47	77	311666	37.08	ng	#	66
25) Isophorone	7.71	82	582713	37.98	ng	#	89
26) 2-Nitrophenol	7.79	139	176417	43.73	ng	#	73
27) 2,4-Dimethylphenol	7.83	122	272135	38.34	ng	#	80
28) bis(2-Chloroethoxy)methane	7.93	93	375450	41.21	ng	#	95
29) 2,4-Dichlorophenol	8.03	162	284016	41.27	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	296006	38.53	ng		97
31) Naphthalene	8.19	128	830788	36.34	ng		98
32) Benzoic acid	7.95	122	157785	38.82	ng	#	70
33) 4-Chloroaniline	8.25	127	399836	40.44	ng	#	93
34) Hexachlorobutadiene	8.31	225	176256	38.79	ng		98
35) Caprolactam	8.64	113	83637	43.90	ng		87
36) 4-Chloro-3-methylphenol	8.73	107	286437	42.56	ng		86
37) 2-Methylnaphthalene	8.89	142	620928	39.79	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	291313	36.27	ng		99
40) Hexachlorocyclopentadiene	9.04	237	163912	39.63	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	194893	35.39	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	232026	40.97	ng		96
45) 1,1'-Biphenyl	9.36	154	794259	39.35	ng		93
46) 2-Chloronaphthalene	9.38	162	588397	37.13	ng		94
47) 2-Nitroaniline	9.49	65	185748	39.92	ng		87
48) Acenaphthylene	9.79	152	893503	35.22	ng		96
49) Dimethylphthalate	9.67	163	745469	41.28	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	146588	37.39	ng	#	62
51) Acenaphthene	9.98	154	590491	39.20	ng		90
52) 3-Nitroaniline	9.90	138	175811	38.76	ng	#	65
53) 2,4-Dinitrophenol	10.00	184	63733	46.79	ng	#	47
54) Dibenzofuran	10.15	168	796028	37.39	ng		93
55) 4-Nitrophenol	10.06	139	118261	36.08	ng	#	64
56) 2,4-Dinitrotoluene	10.14	165	205782	41.17	ng	#	95
57) Fluorene	10.49	166	668317	43.84	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	194554	43.31	ng		92
59) Diethylphthalate	10.37	149	666696	39.52	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	305559	39.21	ng		89
61) 4-Nitroaniline	10.53	138	186907	41.10	ng	#	58
62) Azobenzene	10.64	77	635527	38.60	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	95278	42.10	ng		90
65) n-Nitrosodiphenylamine	10.61	169	599582	38.56	ng		91
66) 4-Bromophenyl-phenylether	10.97	248	206428	39.84	ng		96
67) Hexachlorobenzene	11.03	284	199810	34.17	ng	#	79
68) Atrazine	11.13	200	169705	35.18	ng		82
69) Pentachlorophenol	11.23	266	129312	38.81	ng		97
70) Phenanthrene	11.45	178	913921m	36.65	ng		
71) Anthracene	11.51	178	1065719	40.80	ng		97
72) Carbazole	11.67	167	918685	38.86	ng		97
73) Di-n-butylphthalate	11.99	149	1017597	42.18	ng	#	98
74) Fluoranthene	12.64	202	982086	35.68	ng		92
76) Benzidine	12.78	184	543088	36.24	ng		97
77) Pyrene	12.87	202	1031135	34.70	ng		96
79) Butylbenzylphthalate	13.50	149	471609	42.18	ng		93
80) Benzo(a)anthracene	14.07	228	997982	37.26	ng		95
81) 3,3'-Dichlorobenzidine	14.04	252	355248	39.27	ng	#	96
82) Chrysene	14.10	228	882472m	33.46	ng		
83) Bis(2-ethylhexyl)phthalate	14.06	149	649063	46.28	ng	#	94
84) Di-n-octyl phthalate	14.68	149	1106810	48.49	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.00	276	807485	38.54	ng	#	87
87) Benzo(b)fluoranthene	15.11	252	992722	42.51	ng	#	87
88) Benzo(k)fluoranthene	15.14	252	777506m	36.32	ng		
89) Benzo(a)pyrene	15.48	252	804847	39.73	ng	#	87
90) Dibenzo(a,h)anthracene	17.02	278	665078	39.13	ng	#	80
91) Benzo(g,h,i)perylene	17.44	276	644410	37.00	ng	#	75

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

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