Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081968.D
Acq On : 2 Oct 2015 5:46
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:05:03 PM

Quant Time: Oct 02 09:11:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\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	6.90	152	135930	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	534010	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	258576	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	509139	20.00	ng		-0.03
75) Chrysene-d12	14.06	240	426779	20.00	ng		-0.06
86) Perylene-d12	15.51	264	363734	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	543227	72.55	ng		-0.03
7) Phenol-d6	6.53	99	671474	71.26	ng		-0.03
23) Nitrobenzene-d5	7.47	82	621658	77.60	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	206220	78.75	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1126987	70.56	ng		-0.05
78) Terphenyl-d14	13.01	244	1181290	91.24	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	127369	39.11	ng		86
3) Pyridine	3.25	79	339707	40.07	ng	#	83
4) n-Nitrosodimethylamine	3.21	42	131132	34.05	ng		93
6) Aniline	6.56	93	464283	36.68	ng	#	88
8) 2-Chlorophenol	6.67	128	304399	36.81	ng		83
9) Benzaldehyde	6.45	77	154396	25.02	ng	#	82
10) Phenol	6.54	94	379351	35.89	ng	#	67
11) bis(2-Chloroethyl)ether	6.64	93	332532	40.57	ng		90
12) 1,3-Dichlorobenzene	6.83	146	365033m	37.37	ng		
13) 1,4-Dichlorobenzene	6.91	146	390923m	38.33	ng		
14) 1,2-Dichlorobenzene	7.07	146	349008	38.40	ng		97
15) Benzyl Alcohol	7.04	79	219848	32.32	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.18	45	422184	36.43	ng		81
17) 2-Methylphenol	7.15	107	253884	37.87	ng	#	86
18) Hexachloroethane	7.41	117	123113	38.56	ng	#	89
19) n-Nitroso-di-n-propylamine	7.31	70	202523	35.36	ng	#	77
20) 3+4-Methylphenols	7.30	107	286192	33.80	ng	#	75
22) Acetophenone	7.31	105	417349	38.22	ng	#	83
24) Nitrobenzene	7.49	77	326523	37.54	ng	#	69
25) Isophorone	7.73	82	595859	37.53	ng	#	92
26) 2-Nitrophenol	7.81	139	174142	41.71	ng	#	85
27) 2,4-Dimethylphenol	7.84	122	276843	37.69	ng	#	83
28) bis(2-Chloroethoxy)methane	7.94	93	339993	36.06	ng		97
29) 2,4-Dichlorophenol	8.05	162	274793	38.58	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	314479	39.55	ng		99
31) Naphthalene	8.21	128	911706	38.53	ng		97
32) Benzoic acid	7.95	122	169438	40.01	ng	#	68
33) 4-Chloroaniline	8.26	127	383145	37.45	ng	#	95
34) Hexachlorobutadiene	8.32	225	188019	39.98	ng		99
35) Caprolactam	8.64	113	80655	40.90	ng	#	83
36) 4-Chloro-3-methylphenol	8.73	107	258620	37.13	ng	#	80
37) 2-Methylnaphthalene	8.89	142	590207	36.54	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	318235	40.09	ng		98
40) Hexachlorocyclopentadiene	9.05	237	159029	38.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	193902	35.63	ng		98
43) 2,4,5-Trichlorophenol	9.21	196	239109	42.72	ng		98
45) 1,1'-Biphenyl	9.36	154	745680	37.38	ng		95
46) 2-Chloronaphthalene	9.38	162	570182	36.40	ng	#	92
47) 2-Nitroaniline	9.49	65	183996	40.01	ng	#	81
48) Acenaphthylene	9.81	152	963288	38.42	ng		97
49) Dimethylphthalate	9.67	163	713375	39.97	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	146895	37.91	ng	#	66
51) Acenaphthene	9.98	154	593577	39.87	ng		89
52) 3-Nitroaniline	9.90	138	177734	39.64	ng	#	67
53) 2,4-Dinitrophenol	10.00	184	68032	49.15	ng	#	58
54) Dibenzofuran	10.15	168	796196	37.84	ng		95
55) 4-Nitrophenol	10.06	139	110162	34.01	ng	#	73
56) 2,4-Dinitrotoluene	10.13	165	194156	39.30	ng	#	76
57) Fluorene	10.49	166	625869	41.42	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	189736	42.74	ng		89
59) Diethylphthalate	10.35	149	650280	39.00	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	311353	40.42	ng		94
61) 4-Nitroaniline	10.51	138	172853	38.45	ng	#	54
62) Azobenzene	10.64	77	658459	40.47	ng		93
64) 4,6-Dinitro-2-methylphenol	10.54	198	108093	47.01	ng	#	67
65) n-Nitrosodiphenylamine	10.61	169	564166	36.62	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	211110	41.12	ng	#	90
67) Hexachlorobenzene	11.03	284	204697	35.33	ng	#	89
68) Atrazine	11.12	200	167705	35.09	ng		83
69) Pentachlorophenol	11.22	266	132326	40.09	ng		99
70) Phenanthrene	11.45	178	967846	39.29	ng		96
71) Anthracene	11.50	178	973373	37.61	ng		97
72) Carbazole	11.66	167	919259	39.25	ng		95
73) Di-n-butylphthalate	11.98	149	1017499	42.58	ng	#	97
74) Fluoranthene	12.63	202	1005558	36.87	ng		93
76) Benzidine	12.77	184	345733	26.89	ng		97
77) Pyrene	12.87	202	1026557	40.26	ng		96
79) Butylbenzylphthalate	13.49	149	456400	47.57	ng	#	87
80) Benzo(a)anthracene	14.05	228	887259	38.61	ng		95
81) 3,3'-Dichlorobenzidine	14.02	252	312342	40.24	ng	#	93
82) Chrysene	14.09	228	966263m	53.15	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	569747	47.34	ng	#	92
84) Di-n-octyl phthalate	14.65	149	975556	49.81	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	736906	40.99	ng	#	87
87) Benzo(b)fluoranthene	15.09	252	699545m	33.69	ng		
88) Benzo(k)fluoranthene	15.12	252	867360m	45.57	ng		
89) Benzo(a)pyrene	15.45	252	723919	40.19	ng	#	84
90) Dibenzo(a,h)anthracene	16.96	278	605789	40.08	ng	#	80
91) Benzo(g,h,i)perylene	17.37	276	590623	38.13	ng	#	77

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

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