Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081859.D
Acq On : 28 Sep 2015 23:19
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
9/29/2015 12:11:39 PM

Quant Time: Sep 29 04:48:16 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	6.94	152	100924	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	397448	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	198003	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	369050	20.00	ng		0.00
75) Chrysene-d12	14.12	240	335309	20.00	ng		0.00
86) Perylene-d12	15.58	264	300544	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	414266	74.51	ng		0.00
7) Phenol-d6	6.56	99	525783	75.16	ng		0.00
23) Nitrobenzene-d5	7.50	82	454154	76.17	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	150624	75.11	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	940164	78.23	ng		0.00
78) Terphenyl-d14	13.05	244	854208	81.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	93687	38.75	ng		87
3) Pyridine	3.28	79	250192	39.75	ng		89
4) n-Nitrosodimethylamine	3.25	42	105406	36.87	ng		94
6) Aniline	6.59	93	363180	38.64	ng	#	86
8) 2-Chlorophenol	6.71	128	237658	38.71	ng		87
9) Benzaldehyde	6.48	77	180870	39.48	ng	#	80
10) Phenol	6.57	94	293163	37.36	ng		78
11) bis(2-Chloroethyl)ether	6.66	93	227386	37.36	ng		95
12) 1,3-Dichlorobenzene	6.87	146	274795	37.89	ng	#	93
13) 1,4-Dichlorobenzene	6.95	146	290218	38.33	ng	#	94
14) 1,2-Dichlorobenzene	7.10	146	255203m	37.82	ng		
15) Benzyl Alcohol	7.07	79	192167	38.05	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.21	45	326336	37.93	ng		77
17) 2-Methylphenol	7.19	107	189141	38.00	ng	#	87
18) Hexachloroethane	7.44	117	89920	37.93	ng		90
19) n-Nitroso-di-n-propylamine	7.35	70	165313	38.88	ng	#	75
20) 3+4-Methylphenols	7.34	107	249189	39.63	ng	#	67
22) Acetophenone	7.35	105	314990	38.76	ng	#	84
24) Nitrobenzene	7.52	77	268658	41.50	ng	#	72
25) Isophorone	7.76	82	436301	36.92	ng	#	98
26) 2-Nitrophenol	7.84	139	120758	38.86	ng	#	79
27) 2,4-Dimethylphenol	7.87	122	210016	38.41	ng		86
28) bis(2-Chloroethoxy)methane	7.97	93	263292	37.52	ng	#	92
29) 2,4-Dichlorophenol	8.08	162	208011	39.24	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	232285	39.25	ng		98
31) Naphthalene	8.24	128	678159m	38.51	ng		
32) Benzoic acid	7.98	122	104462	34.40	ng	#	70
33) 4-Chloroaniline	8.30	127	299196	39.29	ng	#	94
34) Hexachlorobutadiene	8.35	225	136344	38.95	ng		98
35) Caprolactam	8.66	113	57960	39.49	ng		90
36) 4-Chloro-3-methylphenol	8.77	107	204601	39.47	ng	#	77
37) 2-Methylnaphthalene	8.94	142	463292	38.54	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	230741	37.96	ng		98
40) Hexachlorocyclopentadiene	9.09	237	122554	39.15	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	155429	37.30	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	169172	39.48	ng	#	95
45) 1,1'-Biphenyl	9.39	154	553656	36.24	ng		94
46) 2-Chloronaphthalene	9.43	162	456879	38.09	ng		99
47) 2-Nitroaniline	9.52	65	131007	37.21	ng	#	67
48) Acenaphthylene	9.84	152	727664	37.90	ng		97
49) Dimethylphthalate	9.70	163	517160	37.84	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	113555	38.27	ng	#	59
51) Acenaphthene	10.01	154	427792	37.53	ng		88
52) 3-Nitroaniline	9.94	138	131464	38.29	ng	#	91
53) 2,4-Dinitrophenol	10.03	184	38184	40.16	ng	#	24
54) Dibenzofuran	10.18	168	591570	36.72	ng	#	89
55) 4-Nitrophenol	10.09	139	96634	38.96	ng	#	63
56) 2,4-Dinitrotoluene	10.17	165	144823	38.29	ng	#	93
57) Fluorene	10.53	166	475099	41.04	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	131931	38.81	ng		96
59) Diethylphthalate	10.40	149	492263	38.56	ng		98
60) 4-Chlorophenyl-phenylether	10.51	204	214349	36.34	ng	#	78
61) 4-Nitroaniline	10.55	138	129755	37.70	ng	#	46
62) Azobenzene	10.67	77	454558	36.48	ng		88
64) 4,6-Dinitro-2-methylphenol	10.57	198	67048	41.41	ng		83
65) n-Nitrosodiphenylamine	10.64	169	434564	38.92	ng		91
66) 4-Bromophenyl-phenylether	11.02	248	140756	37.83	ng	#	84
67) Hexachlorobenzene	11.07	284	160615	38.25	ng	#	81
68) Atrazine	11.17	200	139414	40.24	ng		84
69) Pentachlorophenol	11.27	266	95223	39.80	ng		99
70) Phenanthrene	11.49	178	708044	39.67	ng		96
71) Anthracene	11.54	178	735511	39.21	ng		97
72) Carbazole	11.70	167	678063	39.94	ng		96
73) Di-n-butylphthalate	12.02	149	734363	42.39	ng	#	98
74) Fluoranthene	12.68	202	735050	37.18	ng		93
76) Benzidine	12.81	184	404636	40.05	ng		97
77) Pyrene	12.92	202	781952	39.04	ng		96
79) Butylbenzylphthalate	13.53	149	308853	40.97	ng	#	91
80) Benzo(a)anthracene	14.10	228	703378	38.96	ng		96
81) 3,3'-Dichlorobenzidine	14.07	252	262257	43.01	ng	#	92
82) Chrysene	14.14	228	702553m	44.17	ng		
83) Bis(2-ethylhexyl)phthalate	14.08	149	395846	41.87	ng	#	90
84) Di-n-octyl phthalate	14.70	149	647554	42.08	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.04	276	593885	42.05	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	701925	40.91	ng	#	84
88) Benzo(k)fluoranthene	15.18	252	527685m	33.55	ng		
89) Benzo(a)pyrene	15.52	252	571312	38.38	ng	#	85
90) Dibenzo(a,h)anthracene	17.06	278	478721	38.33	ng	#	81
91) Benzo(g,h,i)perylene	17.49	276	493095	38.53	ng	#	76

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

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