Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080921.D
Acq On : 7 Aug 2015 12:14
Operator : TP/UM
Sample : SSTDICC025
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:18:03 PM

Quant Time: Aug 08 00:39:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 07 23:54:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	50366	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	199821	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	101193	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	204059	20.00	ng		0.00
75) Chrysene-d12	13.95	240	172191	20.00	ng		-0.01
86) Perylene-d12	15.36	264	172662	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	156424	50.74	ng		0.00
7) Phenol-d6	6.43	99	208570	49.38	ng		-0.01
23) Nitrobenzene-d5	7.37	82	210345	49.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	55158	49.62	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	400635	55.74	ng		0.00
78) Terphenyl-d14	12.91	244	482958	57.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	36890	25.23	ng		97
3) Pyridine	3.04	79	104291	24.98	ng		99
4) n-Nitrosodimethylamine	2.97	42	53833	25.43	ng		94
6) Aniline	6.46	93	163003	26.26	ng		97
8) 2-Chlorophenol	6.59	128	91096	25.54	ng		93
9) Benzaldehyde	6.35	77	82007	28.65	ng		95
10) Phenol	6.44	94	117263	23.40	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	101378	27.09	ng		91
12) 1,3-Dichlorobenzene	6.75	146	98353	25.98	ng		98
13) 1,4-Dichlorobenzene	6.83	146	95563	24.29	ng		98
14) 1,2-Dichlorobenzene	6.98	146	100225	28.18	ng		98
15) Benzyl Alcohol	6.94	79	85595	24.76	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	191021	25.37	ng		99
17) 2-Methylphenol	7.06	107	75254	24.72	ng	#	93
18) Hexachloroethane	7.32	117	39303	26.08	ng		100
19) n-Nitroso-di-n-propylamine	7.22	70	74155	24.02	ng		95
20) 3+4-Methylphenols	7.22	107	103620	27.09	ng		94
22) Acetophenone	7.22	105	130852	26.73	ng	#	93
24) Nitrobenzene	7.39	77	121932	28.03	ng		95
25) Isophorone	7.63	82	202072	24.87	ng	#	93
26) 2-Nitrophenol	7.71	139	50935	27.83	ng		96
27) 2,4-Dimethylphenol	7.74	122	83306	24.31	ng		93
28) bis(2-Chloroethoxy)methane	7.85	93	131182	26.90	ng		98
29) 2,4-Dichlorophenol	7.95	162	77492	27.52	ng		94
30) 1,2,4-Trichlorobenzene	8.04	180	77915	25.32	ng		99
31) Naphthalene	8.11	128	276126	25.07	ng		99
32) Benzoic acid	7.85	122	52861	25.65	ng		94
33) 4-Chloroaniline	8.17	127	129648	28.96	ng		93
34) Hexachlorobutadiene	8.24	225	47721	26.06	ng		96
35) Caprolactam	8.52	113	26131	26.57	ng	#	70
36) 4-Chloro-3-methylphenol	8.65	107	93106	27.10	ng		88
37) 2-Methylnaphthalene	8.81	142	195633	27.90	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	70932	22.74	ng		98
40) Hexachlorocyclopentadiene	8.97	237	42953	25.23	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	57928	24.91	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	55004	24.68	ng	#	76
45) 1,1'-Biphenyl	9.26	154	210831	24.28	ng		96
46) 2-Chloronaphthalene	9.29	162	164760	24.33	ng	#	91
47) 2-Nitroaniline	9.39	65	75105	27.66	ng	#	84
48) Acenaphthylene	9.71	152	311438	26.46	ng		99
49) Dimethylphthalate	9.57	163	217454	25.87	ng		99
50) 2,6-Dinitrotoluene	9.63	165	46125	26.56	ng	#	81
51) Acenaphthene	9.88	154	193046	26.78	ng		99
52) 3-Nitroaniline	9.80	138	54230	25.33	ng	#	72
53) 2,4-Dinitrophenol	9.90	184	21010	22.92	ng	#	76
54) Dibenzofuran	10.05	168	254182	26.07	ng		95
55) 4-Nitrophenol	9.95	139	41940	26.17	ng	#	64
56) 2,4-Dinitrotoluene	10.03	165	65127	28.03	ng	#	79
57) Fluorene	10.40	166	187480	24.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	49795m	27.20	ng		
59) Diethylphthalate	10.27	149	227203	25.97	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	90214	24.55	ng		94
61) 4-Nitroaniline	10.41	138	61357	27.85	ng		92
62) Azobenzene	10.54	77	240665	24.60	ng		96
64) 4,6-Dinitro-2-methylphenol	10.43	198	29358	23.21	ng	#	43
65) n-Nitrosodiphenylamine	10.50	169	173741	24.51	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	59552	27.55	ng	#	87
67) Hexachlorobenzene	10.93	284	57475	23.92	ng	#	58
68) Atrazine	11.04	200	54009	25.98	ng		93
69) Pentachlorophenol	11.13	266	35208	25.20	ng		95
70) Phenanthrene	11.34	178	275351	23.83	ng		99
71) Anthracene	11.40	178	323578	28.29	ng		99
72) Carbazole	11.55	167	275196	24.71	ng	#	98
73) Di-n-butylphthalate	11.89	149	400186	28.74	ng		99
74) Fluoranthene	12.53	202	355904	28.49	ng		98
76) Benzidine	12.66	184	212443	31.30	ng		98
77) Pyrene	12.76	202	356172	28.00	ng		99
79) Butylbenzylphthalate	13.38	149	157642	25.71	ng	#	59
80) Benzo(a)anthracene	13.94	228	298654	27.46	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	108352	27.39	ng	#	96
82) Chrysene	13.99	228	303995	29.19	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	237687	27.86	ng		100
84) Di-n-octyl phthalate	14.56	149	438014	30.28	ng		98
85) Indeno(1,2,3-cd)pyrene	16.72	276	285864	28.83	ng		100
87) Benzo(b)fluoranthene	14.96	252	280907m	23.40	ng		
88) Benzo(k)fluoranthene	14.99	252	307364m	29.37	ng		
89) Benzo(a)pyrene	15.30	252	266749	25.85	ng	#	96
90) Dibenzo(a,h)anthracene	16.73	278	238797	26.16	ng		99
91) Benzo(g,h,i)perylene	17.12	276	229118	25.80	ng		98

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

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