Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081378.D
Acq On : 3 Sep 2015 15:29
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:50:41 PM

Quant Time: Sep 04 03:50:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 04 01:59:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.38	152	55020	20.00	ng		0.00
21) Naphthalene-d8	7.67	136	227262	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	104805	20.00	ng		0.00
63) Phenanthrene-d10	10.87	188	211411	20.00	ng		0.00
75) Chrysene-d12	13.47	240	148284	20.00	ng		0.00
86) Perylene-d12	14.79	264	96573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	291663	82.25	ng		0.00
7) Phenol-d6	6.04	99	387672	82.59	ng		0.00
23) Nitrobenzene-d5	6.95	82	378119	80.27	ng		0.00
41) 2,4,6-Tribromophenol	10.19	330	83784	89.78	ng		0.00
44) 2-Fluorobiphenyl	8.75	172	679417	83.07	ng		0.00
78) Terphenyl-d14	12.46	244	615728	96.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.68	88	62873	39.48	ng	#	93
3) Pyridine	2.24	79	160411	36.52	ng	#	88
4) n-Nitrosodimethylamine	2.19	42	111130	45.55	ng	#	71
6) Aniline	6.03	93	274860	41.47	ng	#	83
8) 2-Chlorophenol	6.16	128	165091	42.25	ng		87
9) Benzaldehyde	5.91	77	121863	41.43	ng	#	78
10) Phenol	6.06	94	210832	38.73	ng	#	48
11) bis(2-Chloroethyl)ether	6.12	93	163399	41.60	ng		90
12) 1,3-Dichlorobenzene	6.31	146	174562	41.81	ng	#	91
13) 1,4-Dichlorobenzene	6.39	146	170506	40.11	ng	#	89
14) 1,2-Dichlorobenzene	6.55	146	146495	38.27	ng		96
15) Benzyl Alcohol	6.54	79	155296	40.33	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.68	45	327800	43.54	ng		79
17) 2-Methylphenol	6.67	107	131700	42.24	ng	#	75
18) Hexachloroethane	6.88	117	66599	40.27	ng		93
19) n-Nitroso-di-n-propylamine	6.82	70	148558	46.50	ng	#	84
20) 3+4-Methylphenols	6.83	107	173107	41.18	ng		87
22) Acetophenone	6.80	105	238512	38.42	ng	#	75
24) Nitrobenzene	6.97	77	194657	39.79	ng	#	63
25) Isophorone	7.22	82	357661	40.82	ng	#	85
26) 2-Nitrophenol	7.29	139	89585	42.02	ng	#	45
27) 2,4-Dimethylphenol	7.36	122	153897	41.79	ng	#	79
28) bis(2-Chloroethoxy)methane	7.44	93	191672	37.87	ng	#	92
29) 2,4-Dichlorophenol	7.54	162	134398	42.09	ng		93
30) 1,2,4-Trichlorobenzene	7.61	180	137274	39.57	ng		97
31) Naphthalene	7.69	128	471184	38.88	ng		99
32) Benzoic acid	7.51	122	95954	37.11	ng	#	60
33) 4-Chloroaniline	7.75	127	186843	37.80	ng	#	78
34) Hexachlorobutadiene	7.82	225	88072	41.72	ng		100
35) Caprolactam	8.15	113	44069	45.00	ng	#	47
36) 4-Chloro-3-methylphenol	8.26	107	167017	46.73	ng	#	79
37) 2-Methylnaphthalene	8.38	142	327472	41.52	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.55	216	135031	40.74	ng		98
40) Hexachlorocyclopentadiene	8.54	237	58511	35.97	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	90591	39.60	ng		98
43) 2,4,5-Trichlorophenol	8.72	196	93672	40.14	ng	#	96
45) 1,1'-Biphenyl	8.84	154	401381	41.63	ng		96
46) 2-Chloronaphthalene	8.86	162	256154	36.79	ng	#	86
47) 2-Nitroaniline	8.97	65	128845	45.40	ng	#	61
48) Acenaphthylene	9.27	152	504806	40.86	ng		97
49) Dimethylphthalate	9.16	163	346374	42.54	ng	#	97
50) 2,6-Dinitrotoluene	9.22	165	77182	41.76	ng	#	78
51) Acenaphthene	9.44	154	280984	39.98	ng		89
52) 3-Nitroaniline	9.38	138	82244	39.09	ng	#	45
53) 2,4-Dinitrophenol	9.50	184	28301	36.36	ng	#	72
54) Dibenzofuran	9.61	168	407879	39.75	ng	#	85
55) 4-Nitrophenol	9.58	139	52899m	40.02	ng		
56) 2,4-Dinitrotoluene	9.61	165	92463	39.29	ng	#	1
57) Fluorene	9.95	166	334555	42.96	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.74	232	69603m	39.07	ng		
59) Diethylphthalate	9.86	149	337542	39.41	ng		99
60) 4-Chlorophenyl-phenylether	9.95	204	159963	44.07	ng	#	90
61) 4-Nitroaniline	9.99	138	88125	41.46	ng	#	22
62) Azobenzene	10.11	77	396892	41.68	ng		93
64) 4,6-Dinitro-2-methylphenol	10.02	198	48694	41.18	ng		95
65) n-Nitrosodiphenylamine	10.08	169	304108	39.53	ng		90
66) 4-Bromophenyl-phenylether	10.43	248	83240	38.94	ng	#	89
67) Hexachlorobenzene	10.49	284	92544	41.41	ng	#	87
68) Atrazine	10.62	200	88292	39.66	ng		83
69) Pentachlorophenol	10.70	266	43468	44.33	ng		98
70) Phenanthrene	10.89	178	414268	35.25	ng		97
71) Anthracene	10.95	178	503425	41.69	ng		98
72) Carbazole	11.11	167	386165	34.08	ng		96
73) Di-n-butylphthalate	11.46	149	514783	38.47	ng	#	98
74) Fluoranthene	12.07	202	508447	39.96	ng		87
76) Benzidine	12.20	184	184165	28.93	ng		98
77) Pyrene	12.28	202	450478	41.01	ng		98
79) Butylbenzylphthalate	12.94	149	211941	44.37	ng	#	74
80) Benzo(a)anthracene	13.46	228	390272	41.33	ng		96
81) 3,3'-Dichlorobenzidine	13.45	252	133390	41.88	ng	#	93
82) Chrysene	13.51	228	389735	46.04	ng		94
83) Bis(2-ethylhexyl)phthalate	13.51	149	273998	43.46	ng	#	92
84) Di-n-octyl phthalate	14.11	149	399619	38.50	ng		96
85) Indeno(1,2,3-cd)pyrene	15.86	276	239882	38.62	ng	#	87
87) Benzo(b)fluoranthene	14.46	252	273028m	39.60	ng		
88) Benzo(k)fluoranthene	14.48	252	238491m	41.69	ng		
89) Benzo(a)pyrene	14.74	252	237560	40.66	ng	#	82
90) Dibenzo(a,h)anthracene	15.89	278	196900	43.61	ng	#	77
91) Benzo(g,h,i)perylene	16.18	276	203042	47.12	ng	#	77

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

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