Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
Data File : BF081961.D
Acq On : 2 Oct 2015 2:14
Operator : UM/IZ
Sample : G3857-09MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A1-COMPMS

Manual Integrations APPROVED
MMDadoda
10/2/2015 6:04:52 PM

Quant Time: Oct 02 08:09:33 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	117674	20.00	ng		-0.03
21) Naphthalene-d8	8.18	136	472360	20.00	ng		-0.03
38) Acenaphthene-d10	9.94	164	237043	20.00	ng		-0.03
63) Phenanthrene-d10	11.42	188	461848	20.00	ng		-0.05
75) Chrysene-d12	14.06	240	357358	20.00	ng		-0.06
86) Perylene-d12	15.51	264	206184	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	741257	114.35	ng		-0.01
7) Phenol-d6	6.54	99	1021284	125.21	ng		-0.02
23) Nitrobenzene-d5	7.46	82	711409	100.39	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	332445	138.48	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1324911	95.90	ng		-0.05
78) Terphenyl-d14	13.01	244	1351166	157.76	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	110099	39.06	ng	#	73
3) Pyridine	3.42	79	172963	23.57	ng	#	82
4) n-Nitrosodimethylamine	3.35	42	125890	37.76	ng		93
6) Aniline	6.57	93	75926m	6.93	ng		
8) 2-Chlorophenol	6.69	128	337085	47.09	ng		97
9) Benzaldehyde	6.45	77	21371	4.00	ng	#	75
10) Phenol	6.55	94	370599	40.50	ng		82
11) bis(2-Chloroethyl)ether	6.64	93	343272	48.38	ng		96
12) 1,3-Dichlorobenzene	6.83	146	355535m	42.05	ng		
13) 1,4-Dichlorobenzene	6.91	146	384484m	43.55	ng		
14) 1,2-Dichlorobenzene	7.07	146	344887	43.84	ng		99
15) Benzyl Alcohol	7.04	79	208338	35.38	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.18	45	461962	46.05	ng		79
17) 2-Methylphenol	7.15	107	274268	47.26	ng	#	86
18) Hexachloroethane	7.41	117	123153	44.55	ng	#	86
19) n-Nitroso-di-n-propylamine	7.31	70	222914	44.96	ng	#	78
20) 3+4-Methylphenols	7.30	107	321168	43.81	ng	#	63
22) Acetophenone	7.31	105	461446	47.78	ng	#	81
24) Nitrobenzene	7.49	77	343100	44.59	ng	#	70
25) Isophorone	7.73	82	661168	47.08	ng	#	93
26) 2-Nitrophenol	7.81	139	191585	51.87	ng	#	87
27) 2,4-Dimethylphenol	7.84	122	323061	49.72	ng	#	83
28) bis(2-Chloroethoxy)methane	7.93	93	368872	44.23	ng	#	94
29) 2,4-Dichlorophenol	8.05	162	322462	51.18	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	340093	48.35	ng		98
31) Naphthalene	8.21	128	974451	46.56	ng		97
32) Benzoic acid	7.97	122	188581	48.44	ng	#	70
33) 4-Chloroaniline	8.27	127	33415	3.69	ng	#	91
34) Hexachlorobutadiene	8.32	225	208304	50.07	ng		99
35) Caprolactam	8.63	113	79576m	45.62	ng		
36) 4-Chloro-3-methylphenol	8.74	107	319145	51.80	ng		91
37) 2-Methylnaphthalene	8.89	142	656324	45.94	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	347925	47.81	ng		98
40) Hexachlorocyclopentadiene	9.05	237	368674	98.38	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	246052	49.32	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	249405	48.61	ng		97
45) 1,1'-Biphenyl	9.36	154	834810	45.65	ng		94
46) 2-Chloronaphthalene	9.38	162	653670	45.52	ng		93
47) 2-Nitroaniline	9.49	65	193199	45.83	ng	#	79
48) Acenaphthylene	9.81	152	1089014	47.38	ng		97
49) Dimethylphthalate	9.67	163	854077	52.20	ng	#	98
50) 2,6-Dinitrotoluene	9.73	165	169516	47.72	ng	#	63
51) Acenaphthene	9.98	154	733228	53.73	ng		89
52) 3-Nitroaniline	9.90	138	31714	7.72	ng	#	67
53) 2,4-Dinitrophenol	10.00	184	167253	89.33	ng	#	52
54) Dibenzofuran	10.15	168	960668	49.81	ng	#	91
55) 4-Nitrophenol	10.06	139	230338	77.57	ng	#	47
56) 2,4-Dinitrotoluene	10.13	165	235679	52.04	ng	#	71
57) Fluorene	10.49	166	746898	54.60	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	222803m	54.75	ng		
59) Diethylphthalate	10.37	149	812859	53.19	ng		96
60) 4-Chlorophenyl-phenylether	10.48	204	368082	52.13	ng		94
61) 4-Nitroaniline	10.51	138	118247	28.70	ng	#	54
62) Azobenzene	10.64	77	755951	50.68	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	126730	57.72	ng	#	73
65) n-Nitrosodiphenylamine	10.59	169	440559	31.53	ng		91
66) 4-Bromophenyl-phenylether	10.97	248	245057	52.62	ng	#	92
67) Hexachlorobenzene	11.03	284	229319	43.63	ng	#	91
68) Atrazine	11.12	200	70874	16.35	ng		83
69) Pentachlorophenol	11.22	266	274627	91.71	ng		99
70) Phenanthrene	11.45	178	1129294	51.03	ng		96
71) Anthracene	11.50	178	1120122	47.72	ng		96
72) Carbazole	11.66	167	585650	27.57	ng		97
73) Di-n-butylphthalate	11.99	149	1179831	54.82	ng	#	99
74) Fluoranthene	12.64	202	1178818	47.65	ng		86
77) Pyrene	12.87	202	1192880	55.88	ng		96
79) Butylbenzylphthalate	13.49	149	503925	62.73	ng	#	87
80) Benzo(a)anthracene	14.05	228	958710	49.82	ng		95
81) 3,3'-Dichlorobenzidine	14.02	252	17822	2.74	ng	#	94
82) Chrysene	14.09	228	1006077m	Below Cal			
83) Bis(2-ethylhexyl)phthalate	14.04	149	624960	62.02	ng	#	93
84) Di-n-octyl phthalate	14.65	149	1008395	61.49	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	744432	49.45	ng	#	88
87) Benzo(b)fluoranthene	15.09	252	940607	79.90	ng	#	87
88) Benzo(k)fluoranthene	15.12	252	649221m	60.17	ng		
89) Benzo(a)pyrene	15.45	252	719265	70.44	ng	#	84
90) Dibenzo(a,h)anthracene	16.96	278	624859	72.93	ng	#	81
91) Benzo(g,h,i)perylene	17.37	276	614098	69.95	ng	#	77

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

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