Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092415\
Data File : BF081794.D
Acq On : 25 Sep 2015 8:09
Operator : UM/IZ
Sample : G3753-02MSDRE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1MSDRE

Manual Integrations APPROVED
MMDadoda
9/25/2015 3:37:01 PM

Quant Time: Sep 25 13:27:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	151219	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	586226	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	280330	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	485531	20.00	ng		0.00
75) Chrysene-d12	14.12	240	293201	20.00	ng		0.00
86) Perylene-d12	15.59	264	341960	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1106281	123.76	ng		0.01
7) Phenol-d6	6.58	99	1362318	120.49	ng		0.01
23) Nitrobenzene-d5	7.52	82	840739	94.63	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	368897	151.57	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1440473	84.35	ng		0.00
78) Terphenyl-d14	13.06	244	1131047	88.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	140917	31.85	ng		90
3) Pyridine	3.45	79	59862	4.80	ng		93
4) n-Nitrosodimethylamine	3.39	42	216196	36.70	ng		99
6) Aniline	6.62	93	227644	13.45	ng		92
8) 2-Chlorophenol	6.74	128	404741	41.09	ng		93
9) Benzaldehyde	6.50	77	157317	23.54	ng	#	85
10) Phenol	6.59	94	568766	43.31	ng		71
11) bis(2-Chloroethyl)ether	6.70	93	424744	44.10	ng		89
12) 1,3-Dichlorobenzene	6.89	146	432844m	37.14	ng		
13) 1,4-Dichlorobenzene	6.97	146	476967m	40.45	ng		
14) 1,2-Dichlorobenzene	7.13	146	421034	38.38	ng		98
15) Benzyl Alcohol	7.10	79	405990	45.53	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.23	45	699608	42.46	ng		88
17) 2-Methylphenol	7.20	107	340897	40.98	ng	#	84
18) Hexachloroethane	7.46	117	156932	40.87	ng		90
19) n-Nitroso-di-n-propylamine	7.37	70	297499	39.47	ng	#	80
20) 3+4-Methylphenols	7.36	107	445706	42.64	ng	#	72
22) Acetophenone	7.37	105	576096	44.81	ng	#	85
24) Nitrobenzene	7.54	77	496879	50.13	ng	#	73
25) Isophorone	7.78	82	847887	43.08	ng	#	94
26) 2-Nitrophenol	7.85	139	202675	56.29	ng	#	52
27) 2,4-Dimethylphenol	7.89	122	377357	42.27	ng	#	78
28) bis(2-Chloroethoxy)methane	7.99	93	475360	41.34	ng	#	94
29) 2,4-Dichlorophenol	8.09	162	362047	43.56	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	415086	44.50	ng		98
31) Naphthalene	8.26	128	1133014	41.90	ng		96
32) Benzoic acid	7.99	122	140154	80.64	ng	#	66
33) 4-Chloroaniline	8.31	127	177558	14.96	ng	#	91
34) Hexachlorobutadiene	8.38	225	246536	44.81	ng		98
35) Caprolactam	8.69	113	111031m	50.01	ng		
36) 4-Chloro-3-methylphenol	8.79	107	396201	47.58	ng		89
37) 2-Methylnaphthalene	8.95	142	787318	40.85	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	406853	45.47	ng		99
40) Hexachlorocyclopentadiene	9.11	237	342396	89.29	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	258309	43.82	ng		99
43) 2,4,5-Trichlorophenol	9.27	196	277974	47.93	ng		95
45) 1,1'-Biphenyl	9.42	154	948282	43.26	ng		93
46) 2-Chloronaphthalene	9.44	162	718872	40.77	ng	#	93
47) 2-Nitroaniline	9.53	65	222235	47.39	ng	#	69
48) Acenaphthylene	9.86	152	1259162	42.20	ng		96
49) Dimethylphthalate	9.73	163	1360519	63.78	ng	#	98
50) 2,6-Dinitrotoluene	9.78	165	217709	52.88	ng	#	84
51) Acenaphthene	10.03	154	812572	47.25	ng		90
52) 3-Nitroaniline	9.94	138	145140	32.50	ng	#	60
53) 2,4-Dinitrophenol	10.06	184	121337	110.19	ng	#	74
54) Dibenzofuran	10.21	168	1139544	45.17	ng		93
55) 4-Nitrophenol	10.10	139	322572	104.74	ng	#	56
56) 2,4-Dinitrotoluene	10.18	165	264941	53.75	ng	#	86
57) Fluorene	10.55	166	806339	41.65	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.32	232	225493	50.93	ng		93
59) Diethylphthalate	10.42	149	918356	44.45	ng		94
60) 4-Chlorophenyl-phenylether	10.54	204	402329	45.27	ng		94
61) 4-Nitroaniline	10.56	138	145096	33.45	ng	#	48
62) Azobenzene	10.70	77	911286	43.14	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	83895	63.31	ng		88
65) n-Nitrosodiphenylamine	10.65	169	667484	40.77	ng		92
66) 4-Bromophenyl-phenylether	11.03	248	265911	49.19	ng	#	90
67) Hexachlorobenzene	11.09	284	251569	44.60	ng	#	93
68) Atrazine	11.18	200	216352	44.19	ng		83
69) Pentachlorophenol	11.28	266	281003	89.40	ng		99
70) Phenanthrene	11.51	178	1441725m	51.94	ng		
71) Anthracene	11.56	178	1076307	40.24	ng		96
72) Carbazole	11.72	167	1040375	41.90	ng		96
73) Di-n-butylphthalate	12.04	149	1298479	42.96	ng	#	97
74) Fluoranthene	12.70	202	1435040	51.30	ng		86
77) Pyrene	12.93	202	1308707	59.20	ng	#	95
79) Butylbenzylphthalate	13.54	149	454696	51.61	ng	#	87
80) Benzo(a)anthracene	14.10	228	896527	50.43	ng		94
81) 3,3'-Dichlorobenzidine	14.07	252	79224	14.03	ng	#	95
82) Chrysene	14.15	228	877467	51.46	ng		94
83) Bis(2-ethylhexyl)phthalate	14.09	149	583663	54.64	ng	#	93
84) Di-n-octyl phthalate	14.71	149	997630	63.51	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.06	276	973620	62.37	ng	#	87
87) Benzo(b)fluoranthene	15.16	252	1123840m	55.42	ng		
88) Benzo(k)fluoranthene	15.19	252	634985m	32.51	ng		
89) Benzo(a)pyrene	15.53	252	884855m	48.33	ng		
90) Dibenzo(a,h)anthracene	17.09	278	753544	39.49	ng	#	80
91) Benzo(g,h,i)perylene	17.52	276	802015	40.77	ng	#	74

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

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