Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080865.D
Acq On : 5 Aug 2015 6:04
Operator : TP/UM
Sample : G3150-02MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14MSD

Manual Integrations APPROVED
MMDadoda
8/5/2015 7:01:32 PM

Quant Time: Aug 05 08:20:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 05 01:46:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	67508	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	251158	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	109424	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	168636	20.00	ng		0.00
75) Chrysene-d12	13.96	240	95970	20.00	ng		0.00
86) Perylene-d12	15.37	264	78433	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	548056	122.87	ng		0.01
7) Phenol-d6	6.46	99	728484	124.93	ng		0.01
23) Nitrobenzene-d5	7.39	82	471062	88.39	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	130915	124.06	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	676350	83.23	ng		0.00
78) Terphenyl-d14	12.92	244	505490	95.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	80712	36.91	ng		99
3) Pyridine	3.24	79	213308	35.39	ng		100
4) n-Nitrosodimethylamine	3.20	42	131867	42.66	ng		100
6) Aniline	6.49	93	220455	25.98	ng		96
8) 2-Chlorophenol	6.61	128	221467	44.32	ng		91
9) Benzaldehyde	6.37	77	46720	11.48	ng		95
10) Phenol	6.48	94	304683	43.92	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	224559	43.34	ng		93
12) 1,3-Dichlorobenzene	6.76	146	208589	38.95	ng		100
13) 1,4-Dichlorobenzene	6.84	146	208362	38.77	ng		99
14) 1,2-Dichlorobenzene	7.00	146	197390	38.93	ng		98
15) Benzyl Alcohol	6.97	79	177510	46.61	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	448916	44.77	ng		99
17) 2-Methylphenol	7.08	107	180010	41.13	ng		97
18) Hexachloroethane	7.33	117	84524	41.38	ng	#	79
19) n-Nitroso-di-n-propylamine	7.24	70	158846	42.17	ng		98
20) 3+4-Methylphenols	7.24	107	212946	41.96	ng	#	79
22) Acetophenone	7.24	105	298465	48.66	ng	#	92
24) Nitrobenzene	7.41	77	258767	46.82	ng		99
25) Isophorone	7.65	82	443705	46.99	ng		99
26) 2-Nitrophenol	7.72	139	99984m	44.10	ng		
27) 2,4-Dimethylphenol	7.77	122	190564m	45.14	ng		
28) bis(2-Chloroethoxy)methane	7.86	93	249177	42.91	ng		100
29) 2,4-Dichlorophenol	7.96	162	157260	45.12	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	178438	44.99	ng		99
31) Naphthalene	8.13	128	628649	45.95	ng		100
32) Benzoic acid	7.87	122	87343m	31.48	ng		
33) 4-Chloroaniline	8.18	127	88013	16.45	ng		94
34) Hexachlorobutadiene	8.25	225	98257	43.46	ng		99
35) Caprolactam	8.54	113	45616	45.83	ng		98
36) 4-Chloro-3-methylphenol	8.66	107	177124	46.32	ng		94
37) 2-Methylnaphthalene	8.82	142	368179	44.91	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	154681	41.42	ng		97
40) Hexachlorocyclopentadiene	8.98	237	201966	90.06	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	104207	41.17	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	107297	42.27	ng	#	86
45) 1,1'-Biphenyl	9.29	154	449122	44.52	ng		98
46) 2-Chloronaphthalene	9.31	162	333621	42.52	ng		99
47) 2-Nitroaniline	9.40	65	132201	46.29	ng		93
48) Acenaphthylene	9.72	152	551159	42.69	ng		100
49) Dimethylphthalate	9.58	163	419891	52.62	ng		100
50) 2,6-Dinitrotoluene	9.64	165	69506	41.65	ng		86
51) Acenaphthene	9.89	154	364324	46.95	ng		99
52) 3-Nitroaniline	9.81	138	55706	27.02	ng		99
53) 2,4-Dinitrophenol	9.92	184	78110	68.29	ng	#	57
54) Dibenzofuran	10.06	168	457660	44.22	ng		97
55) 4-Nitrophenol	9.97	139	126783	87.42	ng		99
56) 2,4-Dinitrotoluene	10.04	165	90823	43.10	ng	#	85
57) Fluorene	10.41	166	345510	43.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	76833	42.18	ng	#	96
59) Diethylphthalate	10.28	149	336212	42.55	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	138403	42.80	ng		98
61) 4-Nitroaniline	10.42	138	62828	34.15	ng		90
62) Azobenzene	10.56	77	406423	43.98	ng		98
64) 4,6-Dinitro-2-methylphenol	10.45	198	51440	47.42	ng		77
65) n-Nitrosodiphenylamine	10.52	169	292379	45.25	ng		97
66) 4-Bromophenyl-phenylether	10.89	248	87934	47.11	ng		93
67) Hexachlorobenzene	10.96	284	93554	45.89	ng	#	59
68) Atrazine	11.05	200	83313	49.54	ng		97
69) Pentachlorophenol	11.14	266	94699	85.25	ng		98
70) Phenanthrene	11.37	178	425999	43.72	ng		99
71) Anthracene	11.41	178	427953	45.20	ng		100
72) Carbazole	11.56	167	370402	41.48	ng		100
73) Di-n-butylphthalate	11.90	149	506000	47.85	ng		100
74) Fluoranthene	12.55	202	399084	42.05	ng		98
76) Benzidine	12.67	184	87599	18.86	ng		99
77) Pyrene	12.77	202	430660	50.02	ng		99
79) Butylbenzylphthalate	13.39	149	182865	51.94	ng		98
80) Benzo(a)anthracene	13.95	228	285416	44.46	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	68597	28.76	ng		98
82) Chrysene	14.00	228	279159	42.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	238738	50.78	ng		100
84) Di-n-octyl phthalate	14.57	149	401226	50.77	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	246417	45.88	ng		99
87) Benzo(b)fluoranthene	14.97	252	304184m	51.85	ng		
88) Benzo(k)fluoranthene	15.00	252	181524m	40.19	ng		
89) Benzo(a)pyrene	15.31	252	224597	46.90	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	205217	49.33	ng		98
91) Benzo(g,h,i)perylene	17.14	276	213295	53.04	ng		99

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

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