Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
Data File : BF094934.D
Acq On : 6 May 2017 00:28
Operator : SJ/MA
Sample : I2950-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MS

Manual Integrations APPROVED
mohammad
5/8/2017 2:48:01 PM

Quant Time: May 06 01:08:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	103377	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	402506	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	202061	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	341779	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	288926	20.00	ng		-0.01
86) Perylene-d12	20.30	264	227414	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	800618	129.12	ng		0.00
7) Phenol-d6	7.27	99	957828	128.74	ng		0.00
23) Nitrobenzene-d5	8.63	82	584077	91.50	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	222437	134.42	ng		0.00
44) 2-Fluorobiphenyl	11.52	172	1144867	81.55	ng		-0.01
78) Terphenyl-d14	17.30	244	995822	75.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	107723	35.42	ng		92
3) Pyridine	2.82	79	203755	28.91	ng		98
4) n-Nitrosodimethylamine	2.75	42	119268	40.60	ng		82
6) Aniline	7.23	93	217585	23.17	ng		95
8) 2-Chlorophenol	7.41	128	309978	43.92	ng		97
9) Benzaldehyde	7.05	77	52147	11.48	ng		98
10) Phenol	7.29	94	355329	45.32	ng		91
11) bis(2-Chloroethyl)ether	7.36	93	270974	41.87	ng		99
12) 1,3-Dichlorobenzene	7.63	146	324552	40.54	ng		97
13) 1,4-Dichlorobenzene	7.75	146	336834	41.49	ng		97
14) 1,2-Dichlorobenzene	7.98	146	309120	40.79	ng		96
15) Benzyl Alcohol	8.01	79	232544	48.60	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	363744	39.71	ng		57
17) 2-Methylphenol	8.22	107	249916	43.27	ng	#	88
18) Hexachloroethane	8.51	117	108924	39.60	ng		89
19) n-Nitroso-di-n-propylamine	8.44	70	213819	42.49	ng		94
20) 3+4-Methylphenols	8.48	107	335557	42.76	ng	#	60
22) Acetophenone	8.40	105	428281	44.35	ng	#	84
24) Nitrobenzene	8.65	77	303248	45.33	ng		94
25) Isophorone	9.05	82	548894	48.16	ng		95
26) 2-Nitrophenol	9.16	139	174606	48.36	ng		99
27) 2,4-Dimethylphenol	9.30	122	262629	44.99	ng		97
28) bis(2-Chloroethoxy)methane	9.42	93	353110	44.78	ng		99
29) 2,4-Dichlorophenol	9.58	162	253741	46.04	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	258641	43.80	ng		98
31) Naphthalene	9.78	128	871163	43.06	ng		100
32) Benzoic acid	9.58	122	87192	25.42	ng		91
33) 4-Chloroaniline	9.94	127	51942	6.89	ng	#	92
34) Hexachlorobutadiene	10.00	225	129266	41.49	ng		98
35) Caprolactam	10.55	113	78370m	47.36	ng		
36) 4-Chloro-3-methylphenol	10.78	107	279176	47.38	ng		91
37) 2-Methylnaphthalene	10.90	142	612379	46.12	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	239222	38.50	ng		100
40) Hexachlorocyclopentadiene	11.16	237	203372	78.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	170119	41.00	ng		97
43) 2,4,5-Trichlorophenol	11.49	196	181903	40.79	ng		93
45) 1,1'-Biphenyl	11.67	154	691041	40.62	ng		99
46) 2-Chloronaphthalene	11.68	162	548420	39.92	ng		95
47) 2-Nitroaniline	11.89	65	154045	40.97	ng	#	86
48) Acenaphthylene	12.34	152	933372	43.38	ng		100
49) Dimethylphthalate	12.22	163	893980	53.89	ng		100
50) 2,6-Dinitrotoluene	12.31	165	153938	45.49	ng	#	90
51) Acenaphthene	12.63	154	542339	42.20	ng		98
52) 3-Nitroaniline	12.58	138	90533	24.92	ng		91
53) 2,4-Dinitrophenol	12.77	184	124965	68.05	ng	#	70
54) Dibenzofuran	12.91	168	778829	43.79	ng		100
55) 4-Nitrophenol	12.95	139	174287	79.89	ng	#	75
56) 2,4-Dinitrotoluene	12.97	165	193904	44.59	ng	#	89
57) Fluorene	13.47	166	644665	41.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	138544	49.37	ng	#	95
59) Diethylphthalate	13.37	149	625905	39.37	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	284574	41.87	ng		92
61) 4-Nitroaniline	13.58	138	139260	41.76	ng		95
62) Azobenzene	13.75	77	611153	47.84	ng		95
64) 4,6-Dinitro-2-methylphenol	13.64	198	108169	47.21	ng	#	65
65) n-Nitrosodiphenylamine	13.71	169	558163	45.00	ng		100
66) 4-Bromophenyl-phenylether	14.28	248	161469	44.72	ng		97
67) Hexachlorobenzene	14.37	284	164370	44.42	ng	#	91
68) Atrazine	14.62	200	167462	47.81	ng		99
69) Pentachlorophenol	14.71	266	148559	88.14	ng		99
70) Phenanthrene	15.01	178	842694	42.91	ng		98
71) Anthracene	15.09	178	883991	44.07	ng		98
72) Carbazole	15.38	167	851924	46.68	ng		98
73) Di-n-butylphthalate	15.95	149	1003521	44.09	ng		98
74) Fluoranthene	16.75	202	922863	45.81	ng		99
76) Benzidine	16.98	184	35723	10.53	ng	#	94
77) Pyrene	17.05	202	950377	43.98	ng		99
79) Butylbenzylphthalate	17.96	149	423588	42.14	ng		89
80) Benzo(a)anthracene	18.63	228	724382	43.08	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	136190	23.45	ng	#	96
82) Chrysene	18.68	228	685546	42.16	ng		99
83) Bis(2-ethylhexyl)phthalate	18.70	149	596164	41.63	ng	#	98
84) Di-n-octyl phthalate	19.47	149	1006856	42.88	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	514076	38.93	ng		99
87) Benzo(b)fluoranthene	19.90	252	606718	43.18	ng		99
88) Benzo(k)fluoranthene	19.93	252	598128	44.13	ng	#	94
89) Benzo(a)pyrene	20.25	252	556056	42.88	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	428347	40.00	ng		99
91) Benzo(g,h,i)perylene	21.96	276	449745	42.80	ng		96

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

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