Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093011.D
Acq On : 17 Feb 2017 15:36
Operator : SJ/MA
Sample : SP3870-SPK
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP3870-SPK

Manual Integrations APPROVED
mohammad
2/20/2017 12:59:41 PM

Quant Time: Feb 19 23:57:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	157982	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	661641	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	352225	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	596358	20.00	ng		0.00
75) Chrysene-d12	14.02	240	506207	20.00	ng		0.00
86) Perylene-d12	15.45	264	453544	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0d	0.00	ng		
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	242978	48.83	ng		86
3) Pyridine	3.24	79	658363	52.03	ng		87
4) n-Nitrosodimethylamine	3.21	42	306241	51.55	ng		87
6) Aniline	6.51	93	510387	31.58	ng		95
8) 2-Chlorophenol	6.64	128	522476	51.43	ng		93
9) Benzaldehyde	6.40	77	324363	38.21	ng		88
10) Phenol	6.51	94	748443	53.99	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	521687	47.15	ng		93
12) 1,3-Dichlorobenzene	6.80	146	596664	50.14	ng		96
13) 1,4-Dichlorobenzene	6.88	146	613858	50.97	ng		94
14) 1,2-Dichlorobenzene	7.02	146	553018	48.02	ng		98
15) Benzyl Alcohol	7.00	79	452243	51.56	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	876791	45.61	ng		94
17) 2-Methylphenol	7.13	107	455414	52.26	ng		96
18) Hexachloroethane	7.37	117	203167	49.42	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	367130	48.68	ng		98
20) 3+4-Methylphenols	7.28	107	495051	47.51	ng		97
22) Acetophenone	7.26	105	689301	45.63	ng	#	96
24) Nitrobenzene	7.44	77	581627	47.67	ng		99
25) Isophorone	7.69	82	1065968	48.15	ng		98
26) 2-Nitrophenol	7.76	139	286605	49.42	ng		93
27) 2,4-Dimethylphenol	7.80	122	469493	46.10	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	641431	43.74	ng		99
29) 2,4-Dichlorophenol	8.01	162	479884	50.52	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	482562	47.14	ng		98
31) Naphthalene	8.17	128	1540466	45.93	ng		99
32) Benzoic acid	7.95	122	288165	49.65	ng		89
33) 4-Chloroaniline	8.21	127	353683	26.89	ng		95
34) Hexachlorobutadiene	8.28	225	255714	45.40	ng		99
35) Caprolactam	8.60	113	164259m	54.97	ng		
36) 4-Chloro-3-methylphenol	8.70	107	450539	45.49	ng		98
37) 2-Methylnaphthalene	8.85	142	966301	44.87	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	459882	46.51	ng		99
40) Hexachlorocyclopentadiene	9.00	237	394662	88.47	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	327866	50.47	ng		94
43) 2,4,5-Trichlorophenol	9.17	196	320223	44.99	ng		96
45) 1,1'-Biphenyl	9.32	154	1269056	49.76	ng		100
46) 2-Chloronaphthalene	9.34	162	976699	48.95	ng		98
47) 2-Nitroaniline	9.45	65	347586	51.82	ng	#	84
48) Acenaphthylene	9.76	152	1421039	41.23	ng		99
49) Dimethylphthalate	9.63	163	1187749	50.06	ng		100
50) 2,6-Dinitrotoluene	9.69	165	252122	49.21	ng	#	88
51) Acenaphthene	9.93	154	932436	45.25	ng		96
52) 3-Nitroaniline	9.86	138	187612	32.00	ng	#	78
53) 2,4-Dinitrophenol	9.96	184	228280	87.14	ng	#	60
54) Dibenzofuran	10.10	168	1206491	43.77	ng		98
55) 4-Nitrophenol	10.03	139	359642	85.16	ng		95
56) 2,4-Dinitrotoluene	10.09	165	320519	46.99	ng	#	89
57) Fluorene	10.44	166	905597	42.71	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	263517	55.49	ng		96
59) Diethylphthalate	10.32	149	996278	44.56	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	425930	41.81	ng		95
61) 4-Nitroaniline	10.48	138	292390	48.69	ng		82
62) Azobenzene	10.59	77	1119283	48.46	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	176330	48.54	ng	#	71
65) n-Nitrosodiphenylamine	10.56	169	890611	46.75	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	265650	42.64	ng		98
67) Hexachlorobenzene	10.99	284	281731	45.76	ng		97
68) Atrazine	11.08	200	259185	42.39	ng		99
69) Pentachlorophenol	11.18	266	278146	86.83	ng		97
70) Phenanthrene	11.40	178	1350246	39.52	ng		99
71) Anthracene	11.46	178	1625791	47.38	ng		99
72) Carbazole	11.61	167	1357985	41.40	ng		99
73) Di-n-butylphthalate	11.94	149	1566971	44.18	ng	#	98
74) Fluoranthene	12.59	202	1470842	41.74	ng		98
76) Benzidine	12.72	184	807877	37.45	ng		96
77) Pyrene	12.82	202	1478761	39.04	ng		99
79) Butylbenzylphthalate	13.44	149	755991	49.14	ng		89
80) Benzo(a)anthracene	14.01	228	1232107	39.80	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	342902	31.07	ng	#	95
82) Chrysene	14.04	228	1116441	38.51	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	985170	46.83	ng	#	94
84) Di-n-octyl phthalate	14.60	149	1661181	48.49	ng		98
85) Indeno(1,2,3-cd)pyrene	16.87	276	1139677	50.76	ng		95
87) Benzo(b)fluoranthene	15.04	252	1240669	41.56	ng		99
88) Benzo(k)fluoranthene	15.07	252	1213624m	47.09	ng		
89) Benzo(a)pyrene	15.39	252	1161977	45.00	ng		99
90) Dibenzo(a,h)anthracene	16.88	278	945212	45.29	ng		97
91) Benzo(g,h,i)perylene	17.29	276	944242	44.79	ng	#	94

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

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